



Australian Government

ACMCAN401 Implement collection management

Release: 1

ACMCAN401 Implement collection management

Modification History

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

Application

This unit of competency describes the skills and knowledge required to contribute to and implement regional collection plans within a captive animal facility by ensuring breeding environments and programs are monitored carefully and the transportation of animals between captive animal facilities is managed effectively.

This unit applies to senior or experienced keepers with extensive zoo keeping or related experience who supervise others and provide and communicate solutions to a range of predictable and sometimes unpredictable problems.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

NOTE: The terms ‘occupational health and safety’ (OHS) and ‘work health and safety’ (WHS) generally have the same meaning in the workplace. In jurisdictions where the national model WHS legislation has not been implemented, RTOs must contextualise the unit of competency by referring to current OHS legislative requirements.

Pre-requisite Unit

Nil

Unit Sector

Captive Animals (CAN)

Elements and Performance Criteria

Element	Performance criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Action collection plans	1.1 Review and implement regional and institutional plan objectives within own area of responsibility

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.2 Prepare or update in-house husbandry manuals and studbooks as requested or required 1.3 Maintain communication with relevant internal and external personnel to ensure appropriate breeding environments 1.4 Monitor and review breeding programs according to collection plan requirements 1.5 Maintain accurate section records according to facility policies and procedures
2. Identify and transport animals between facilities	2.1 Select and use identification techniques 2.2 Manage animal transactions and security to comply with animal transport regulations and WHS requirements 2.3 Maintain records of transactions according to facility policies and procedures
3. Contribute to collection planning policies	3.1 Analyse species management and collection planning policies 3.2 Give feedback and provide ideas to planning policies and procedures 3.3 Discuss and disseminate endorsed policies according to facility policies and procedures

Foundation Skills

This 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.

Skill	Description
Learning	Access technical advice
Reading	Interpret and review studbooks and husbandry manuals
Numeracy	- Estimate, calculate and record routine measures, and interpret studbook data - Interpret breeding coefficients

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMCAN401 Implement collection management	ACMCAN401A Implement collection management	Updated to meet Standards for Training Packages	Equivalent unit

Links

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

Assessment Requirements for ACMCAN401 Implement collection management

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Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit.

There must be evidence that the individual has implemented a minimum of one regional collection plan, including:

- analysed collection plans and contributed to their review and implementation
- communicated effectively with staff on breeding programs
- developed and reviewed in-house husbandry manuals and studbooks
- maintained accurate records
- managed the transportation of animals between captive animal facilities.

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 collection management implementation
- animal husbandry manual requirements
- animal identification to the sub-species level
- Australasian Species Management Program (ASMP) and ASMP Regional Census and Plan
- ASMP guidelines and criteria for studbook keeping
- breeding control methods
- collection planning requirements
- concepts of inbreeding and outbreeding
- 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 and other relevant policies and procedures, including WHS, emergency procedures and relevant state/territory animal welfare regulations

- 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
- working knowledge of international agreements and conventions, including the World Zoo Conservation Strategy and the International Union for Conservation of Nature and Natural Resources conservation status categories.

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:
 - a range of animals for collection
 - equipment and resources appropriate to work undertaken in an animal care environment
- specifications:
 - access to organisational policies, procedures, collection plans, husbandry manuals and studbooks
 - current WHS legislation and regulations and relevant state/territory animal welfare regulations
- relationships (internal and/or external):
 - interactions with team members.

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

Links

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