



Australian Government

ACMEXH401 Implement species population planning and 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 4.0.

Application

This unit of competency describes the skills and knowledge required to develop and monitor the implementation of an animal population management plan, by ensuring extensive liaison with internal and external personnel and assisting in the development of facility policies, manuals and records in species management.

The unit applies to senior team members with zoo keeping, wildlife care, aquarium or related experience who generally supervise others and provide and communicate solutions to a range of predictable and unpredictable problems. Tasks may vary in scale from individual animal welfare to social group management, working across a range of programs or animal groups in the facility.

All work must be carried out to comply with workplace procedures according to Commonwealth and state/territory health and safety and animal welfare regulations, legislation and standards that apply to the workplace.

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

Pre-requisite Unit

Nil

Unit Sector

Exhibited Animals (EXH)

Elements and Performance Criteria

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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>

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1. Action current species population plan	<p>1.1 Determine activities required to implement species population plan within designated area</p> <p>1.2 Communicate information about activities required to achieve species population plan to section staff</p> <p>1.3 Implement and monitor requirements related to breeding activities according to species population plan</p> <p>1.4 Communicate with relevant internal and external personnel regarding species reproductive activity and breeding environment</p> <p>1.5 Select animals for transfer between facilities according to objectives of facility species population plan and regional plan</p> <p>1.6 Manage animal transactions and security to comply with animal transport and biosecurity regulations and legislative requirements</p>
2. Maintain and review species population information and records	<p>2.1 Maintain accurate records of animal breeding/transactions for designated area according to facility policies and procedures</p> <p>2.2 Update in-house husbandry manual or studbook according to facility procedures</p> <p>2.3 Monitor species population data and information, identifying trends and successes and challenges</p> <p>2.4 Determine if changes to activities are required to meet objectives of facility and regional species population plans</p>
3. Research information on species population planning and management	<p>3.1 Research information about relevant species from a range of sources, including animal databases, inventories and studbooks</p> <p>3.2 Liaise with internal and external personnel about species population planning and management</p> <p>3.3 Consider recommendations of Taxon Advisory Groups in managing the species population, including acquiring and disposing of animals</p> <p>3.4 Evaluate characteristics and merits of each species in the population plan</p> <p>3.5 Prepare recommendations for improvements to species population plan and management</p>
4. Provide input to population management planning and policy	<p>4.1 Present recommendations based on the analysis and review of the population plan to curator or management</p> <p>4.2 Assist curator or management with development of animal</p>

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	population planning policy 4.3 Provide information or assistance to regional and international studbooks and management plans 4.4 Prepare reports and present to curator or management 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
Reading	<ul style="list-style-type: none"> Access technical advice to increase knowledge of species requirements and population planning and management
Oral communication	<ul style="list-style-type: none"> Use industry terminology and concepts to obtain and convey information relevant to species population planning and management
Numeracy	<ul style="list-style-type: none"> Interpret and analyse data and trends from a range of sources

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMEXH401 Implement species population planning and management	ACMCAN401 Implement collection management	Redesigned unit merging <i>ACMCAN401 Implement collection management</i> and <i>ACMCAN502 Develop and monitor collection management</i> to reduce duplication Content updated to reflect industry practices	Not equivalent

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Links

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