

Modification history

Release	Comments
Release 2	This version released with ACM Animal Care and Management Training Package Version 4.0.
Release 1	This version released with ACM Animal Care and Management Training Package Version 1.0.

ACMCAN303	Support population management
Application	<p>This unit of competency describes the skills and knowledge required to support population management for captive animals.</p> <p>This unit applies to individuals who work in animal carer/keeper or aquarist roles, undertaking individual and team activities in small to large scale animal facilities. They perform work under broad direction and are required to take responsibility for their own work including, carrying out assigned tasks, organising processes, and working to schedules.</p> <p>All work must be carried out to comply with workplace procedures according to state/territory health and safety and animal welfare regulations, legislation and standards that apply to the workplace.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Captive Animals (CAN)

Commented [SH1]: Revised terminology
Used population management rather than collection or species management

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify population management practices and principles	1.1 Identify the purpose of population management 1.2 Identify categories of relevant species management programs 1.3 Access and interpret connections between facility and regional population plans 1.4 Identify responsible personnel and relationships between facility and regional plans
2. Identify and interpret animal keeping data	2.1 Identify the purpose and application of facility animal keeping information systems and software 2.2 Interpret data in facility and regional population plans
3. Assist with population management	3.1 Support population management planning activities in round or section 3.2 Identify and collect data according to facility practices 3.3 Record data using facility animal keeping information systems and software

Commented [SH2]: Reordered elements - moved element 3 to element 1. Included some PCs from element 2 into element 1 (3)

ACMCAN303 Support population management

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"> Review information from population management plans and captive animal information management systems
Writing	<ul style="list-style-type: none"> Accurately complete records for facility and regional population plans
Numeracy	<ul style="list-style-type: none"> Collect and accurately record numerical data in animal keeping information management systems Interpret numerical data in animal keeping information management systems

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMCAN3xx Support population management	ACMCAN303 Support collection management	Revised title Changed terminology from collection to population management reordered PCs	Equivalent unit

Links

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

TITLE	Assessment requirements for ACMCAN303 Support population management
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria of this unit.</p> <p>There must be evidence that the individual has:</p> <ul style="list-style-type: none"> • identified, collected, recorded and interpreted data for at least two captive animals or a small population • accessed and interpreted at least one facility and regional population plan • carried out two routine tasks related to population management plan. 	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> • purpose of population management, including: <ul style="list-style-type: none"> • wildlife conservation • species recovery • species / small population management • regional monitoring • common population management terms • facility policies and requirements for captive animal population planning • purpose and application of an animal keeping information system and software • principles and practices for supporting population management, including: <ul style="list-style-type: none"> • Australasian Species Management Program (ASMP) and ASMP Regional Census and Plan • ASMP guidelines and criteria for studbook keeping • basic genetic principles for the management of captive animal populations, including small population biology and concepts of inbreeding and outbreeding • international agreements and conventions such as the International Union for Conservation of Nature and Natural Resources conservation status categories • principles and constraints of wildlife conservation • principles of animal welfare and ethics for managing captive animals • principles of taxonomy relevant to population management • report formats for captive animal management plans. 	
Assessment Conditions	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • a captive animal workplace or an environment that accurately reflects performance in a real workplace setting • resources, equipment and materials: <ul style="list-style-type: none"> • real animals • equipment and resources including personal protective equipment used in managing captive animal populations • facility and regional population plans • animal keeping information management systems • specifications: <ul style="list-style-type: none"> • relevant policies and procedures relating to population management. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
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Commented [SH3]: Added KE points - please confirm