



TAG Annual Report Template

Marsupial and Monotreme TAG Annual Report

Date: 3/1/2024

*** Please note that Annual Reports must be digitally submitted to the AZA Conservation, Management, and Welfare Sciences Department (animalprograms@aza.org) and the TAG's APM Committee Liaison no later than **March 1**

*** Please adjust the tables as necessary to accommodate complete answers.

*** This template is available in a digitized Word form at <https://www.aza.org/resource-documents>

- Please provide a list of the most current TAG Steering Committee members, Advisors and APM liaison.
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NAME	ROLE	INSTITUTION	EMAIL
Shelley Scherer	Chair	Fort Wayne Children's Zoo	shelley.scherer@kidszoo.org
Joseph T. Svoke	Vice Chair	Zoo Miami	joseph.svoke@miamidade.gov
Sarah Colman	Secretary	Saginaw Children's Zoo	scolman@saginawzoo.com
Jay Tetzloff	Steering Committee, APM liaison	Blank Park Zoo	jrtetzloff@blankparkzoo.org
John Clark	Steering Committee	St. Louis Zoo	clark@stlzoo.org
Chantal Routhier	Steering Committee	Zoo de Granby	crouthier@zoodegranby.com
Jim Haigwood	Steering Committee	San Diego Zoo Safari Park	jhaigwood@sdzwa.org
Mark Wanner	Steering Committee	Brookfield Zoo	mark.wanner@czs.org
Kristen Wieners	Steering Committee	Santa Barbara Zoological Gardens	kwieners@sbzoo.org
Heather Down	Steering Committee	The Living Desert Zoo and Gardens	hdown@livingdesert.org
Dr. Joseph Smith	Veterinary Advisor	The Wilds	jsmith@thewilds.org
Dr. Cora Singleton	Veterinary Advisor	San Diego Zoo	csingleton@sdzwa.org
Dr. Karin Schwartz	Registrar Advisor	Roger Williams Park Zoo	kschwartz@rwpzoo.org
Jacque Blessington	Tree Kangaroo Advisor	Lakeside Nature Center	jacsprat65@aol.com
Dan Maloney	Advisor	Louisville Zoo	dan.maloney@louisvilleky.gov
Steve Sarro	Advisor	-----	peebs1025@comcast.net
Andrea Putnam	SPMAG Advisor	Andrea Putnam, LLC	asputnam@gmail.com

- Please list any new or revised statements or guidelines that the TAG has adopted in the past year (*note that new or revised Policies, Position Statements, White Papers, and Guidelines must be approved by the AZA Board of Directors*). **The Marsupial and Monotreme TAG does not have any at this time.**
- Please share the date of the upcoming annual check-in meeting with the SSP leadership. Will it be virtual or in person? If in person, will it be in conjunction with a conference or larger meeting? **The Marsupial and Monotreme TAG will be having their annual meeting at the AZA Mid-year Meeting on Monday March 18, 2024.**
- Please attach an updated, Animal Programs Summary Table (See RCP Template Tables 2 and 5)

Common name (<i>Scientific name</i>)	SSP Designation ¹	Date of Most Recent B&T Plan	Census Population Size - N (M.F.U) in AZA and Source (e.g. ZIMS Studbook ² , BTP, other)	Number of Participating AZA Member Facilities on census date	Commitment Population Trend (CPT _{DATE}) (Grow, Decline, Stable) or Size (CPS _{DATE}) and date by when it should be achieved ³	Target Population Size (TPS _{DATE}) and date by when it should be achieved ⁴	Recent Five-Year Population Growth Rate (λ) and/or Trend (increasing, decreasing, or stable) if growth rate not available, and date span across which it was calculated ⁵
Brush-tailed Bettong (<i>Bettongia penicillata</i>)	AZA Studbook	28 December 2022	53 (28.25.0)	13	Keep Stable	TBD 2028	0.893
Short-beaked Echidna (<i>Tachyglossus aculeatus</i>)	AZA Studbook	23 March 2022	35 (13.17.5)	13	Grow	TBD 2028	1.036
Eastern Grey Kangaroo (<i>Macropus giganteus</i>)	AZA Studbook	7 June 2021	33 (13.18.2)	6	Keep Stable	TBD 2028	0.980
Red Kangaroo (<i>Osphranter rufus</i>)	Provisional SSP	7 April 2022	312 (109.199.4)	59	Keep Stable	TBD 2028	0.949

Western Grey Kangaroo (<i>Macropus fuliginosus</i>)	Signature SSP	26 May 2021	92 (28.57.7)	16	Grow	TBD 2028	1.014
Matschie's Tree Kangaroo (<i>Dendrolagus matschiei</i>)	Provisional SSP	14 May 2021	40 (18.21.1)	19	Grow	TBD 2028	0.941
Northern/Queensland Koala (<i>Phascolarctos cinereus adustus</i>)	AZA Studbook	5 November 2021	52 (26.25.1)	9	Keep Stable	TBD 2028	0.989
Bennett's Wallaby (<i>Notamacropus rufogriseus</i>)	Provisional SSP	1 July 2022	253 (145.104.4)	41	Keep Stable	TBD 2028	0.982
Parma Wallaby (<i>Notamacropus parma</i>)	AZA Studbook	20 February 2020	12 (7.5)	4	Grow	TBD 2028	0.726
Tammar Wallaby (<i>Notamacropus eugenii</i>)	Provisional SSP	5 June 2023	44 (18.26.0)	12	Grow	TBD 2028	0.955
Yellow-footed Rock Wallaby (<i>Petrogale xanthopus</i> <i>Xanthopus</i>)	AZA Studbook	14 September 2020	17 (5.12)	4	Keep Stable	TBD 2028	0.818
Common Wallaroo (<i>Osphranter robustus</i>)	Provisional SSP	13 March 2023	57 (27.30.0)	15	Keep Stable	TBD 2028	0.983

Southern Hairy-nosed Wombat (<i>Lasiorchinus latifrons</i>)	AZA Studbook	---	10 (5.5)	6	Grow	TBD 2028	----
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¹SSP designation options: Signature or Provisional

²To obtain this number from ZIMS, run a Census Report, which will default to 31 Dec of the year prior to this report. Set the Institution filter to "AZA" and check the box on the bottom of the screen to "Include animals with undetermined transaction dates" then Generate Raw Data.

³The CPT or CPS and date by which it should be achieved will be found in the most recent RCP for the TAG. This information may not be included in RCPs produced before 2023. Enter TBD with the scheduled date for the next RCP completion.

⁴The TPS and date by which it should be achieved will be found in the most recent BTP for the program. This information may not be included in BTPs produced before 2024 or, if included, may be outdated in BTPs produced in 2023 and earlier. Please pull from a 2024 or later BTP. If none exists enter TBD with the scheduled date for the next RCP completion.

⁵The five-year population growth rate (λ) can be obtained from the ZIMS Studbook, by running the Census Report as described above, referring to column named "Geometric Mean) and using number from cell labeled "last 5 years".

- Please attach an updated Animal Program Summary Table with Roles, Goals, and Essential Action items. (see the RCP Template Table 7). Please provide the action steps the TAG/SSP is taking, or intends to take, in order to achieve each identified goal, and indicate an approximate timeline for these actions.

Common Name (Scientific Name)	Red Kangaroo (<i>Osphranter rufus</i>)
Program Designation	Provisional SSP
Program Role	Display/Education
SMAART Goal #1	To improve the genetics of this population, identify at least three sources for obtaining potential founders by 1 June 2024.
Progress towards Goal #1	No progress to date. This SSP position is currently vacant.
SMAART Goal #2	Develop a Macropod ACM with other macropod program leaders and colleagues to improve the management, sustainability, and wellbeing of these species. The Macropod program leaders will identify an ACM coordinator, review the outline, and assign sections and timelines by 1 April 2024. Macropod program leaders will then complete assigned sections, meet set deadlines, attend quarterly check in meetings and have the first draft of the ACM submitted by 1 April 2025.
Progress towards Goal #2	First meeting was held on 22 February 2024.
SMAART Goal #3	Recruit at least two holding institutions to house a group of intact males by 1 June 2025. The number of viable males in this population is low and having more holding capabilities for intact males is crucial for improving the sustainability of this program.

Progress towards Goal #3	No progress to date. This SSP position is currently vacant.
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Common Name (Scientific Name)	Western Grey Kangaroo (<i>Macropus fuliginosus</i>)
Program Designation	Signature SSP
Program Role	Display/Education
SMAART Goal #1	Address potential space capacity issues with continued breeding success by surveying current and potential holders to prioritize breeding mobs within the SSP. Survey to be completed by 31 October 2024, and relaying outcomes by 31 December 2024
Progress towards Goal #1	No progress to date. Breeding and Transfer planning session scheduled for March 27, 2024.
SMAART Goal #2	Develop a Macropod ACM with other macropod program leaders and colleagues to improve the management, sustainability, and wellbeing of these species. The Macropod program leaders will identify an ACM coordinator, review the outline, and assign sections and timelines by 1 April 2024. Macropod program leaders will then complete assigned sections, meet set deadlines, attend quarterly check in meetings and have the first draft of the ACM submitted by 1 April 2025.
Progress towards Goal #2	First meeting was held on 22 February 2024.
SMAART Goal #3	Create a White Paper to address questions and provide facts about various health and management issues in kangaroos, such as toxoplasmosis. This will aid facilities when developing Institutional Collection Plans and hopefully improve holding capabilities for these species. Surveys have already been collected from holders. The next step will be to identify the primary questions to focus on with the TAG Chair by 1 June 2024, with a first draft of the document being completed by 31 December 2024.
Progress towards Goal #3	No progress to date. Plan to discuss with TAG chair at AZA Mid-year meeting.

Common Name (Scientific Name)	Matschie's Tree Kangaroo (<i>Dendrolagus matschiei</i>)
Program Designation	Provisional SSP
Program Role	Maintain a sustainable captive population of the endangered Matschie's tree kangaroo that will be used to contribute to our in-situ and ex-situ knowledge of this genus and to educate and inspire conservation action in our guests. Actively participate in field conservation and collaborate internationally to preserve this genus.
SMAART Goal #1	Identify new or current AZA facilities to provide 4 additional spaces to hold and/or breed Matschie's tree kangaroos by the end of December 2028.

Progress towards Goal #1	Four new AZA facilities have been identified, one of which has already received two tree kangaroos and an additional one has a non-breeding male.
SMAART Goal #2	Utilize recent information from in situ and ex situ nutritional research to continue to develop and implement a standardized diet for Matschie's tree kangaroos in human care which will promote optimal health, welfare, and reproductive success. Provide institutional support for implementation of the new diet recommendations by July 2024
Progress towards Goal #2	This information is being compiled into a document which will be rolled out at the 2024 AZA Midyear meeting.
SMAART Goal #3	Complete the next phase of edits of the Tree Kangaroo Animal Care Manual and submit for review to AZA by August 2024; complete review/approval process for publication of ACM by January 2025.
Progress towards Goal #3	On schedule with this goal. An entire day has been set aside at the 2024 AZA Midyear meeting that is devoted to the ACM.

Common Name (Scientific Name)	Bennett's Wallaby (<i>Notamacropus rufogriseus</i>)
Program Designation	Provisional SSP
Program Role	Display/Education
SMAART Goal #1	Meet demography goals of 58 births per year by reaching out and coordinating with holding institutions to make sure animals are being introduced and/or moved for breeding. Communicate with holding facilities twice per year by 31 Dec 2026.
Progress towards Goal #1	In progress.
SMAART Goal #2	Develop a Macropod ACM with other macropod program leaders and colleagues to improve the management, sustainability, and wellbeing of these species. The Macropod program leaders will identify an ACM coordinator, review the outline, and assign sections and timelines by 1 April 2024. Macropod program leaders will then complete assigned sections, meet set deadlines, attend quarterly check in meetings and have the first draft of the ACM submitted by 1 April 2025.
Progress towards Goal #2	First meeting was held on 22 February 2024.
SMAART Goal #3	To improve sustainability and holding capabilities for intact males, recruit at least two holding facilities to house a group of intact males by 1 June 2025.
Progress towards Goal #3	A couple of facilities have expressed interest in holding non-breeding mobs.

Common Name (Scientific Name)	Tammar Wallaby (<i>Notamacropus eugenii</i>)
Program Designation	Provisional SSP

Program Role	Display/Education
SMAART Goal #1	Develop a Macropod ACM with other macropod program leaders and colleagues to improve the management, sustainability, and wellbeing of these species. The Macropod program leaders will identify an ACM coordinator, review the outline, and assign sections and timelines by 1 April 2024. Macropod program leaders will then complete assigned sections, meet set deadlines, attend quarterly check in meetings and have the first draft of the ACM submitted by 1 April 2025.
Progress towards Goal #1	First meeting was held on 22 February 2024.
SMAART Goal #2	Increase number of holding institutions by April 2024 to at least 16 by increasing population and developing mixed species list.
Progress towards Goal #2	Holders are available but have not been able to breed fast enough to meet demand.
SMAART Goal #3	Organize an import of additional individuals from Australia or New Zealand by 1 April 2024.
Progress towards Goal #3	4.10 animals brought in from Australia on 29 February 2024.

Common Name (Scientific Name)	Common Wallaroo (<i>Osphranter robustus</i>)
Program Designation	Provisional SSP
Program Role	Display/Education
SMAART Goal #1	Have all recommended transfers from breeding and transfer plan completed by March 2024. Communicate with holders quarterly until the next planning session in 2026 to confirm progress of recommendations and identify interim recommendations.
Progress towards Goal #1	75% of the recommendations have been completed.
SMAART Goal #2	Develop a Macropod ACM with other macropod program leaders and colleagues to improve the management, sustainability, and wellbeing of these species. The Macropod program leaders will identify an ACM coordinator, review the outline, and assign sections and timelines by 1 April 2024. Macropod program leaders will then complete assigned sections, meet set deadlines, attend quarterly check in meetings and have the first draft of the ACM submitted by 1 April 2025.
Progress towards Goal #2	First meeting was held on 22 February 2024.
SMAART Goal #3	Increase the number of AZA facilities holding Wallaroo by two by the end of 2025. There is space in current facilities to hold more animals especially females. SSP Coordinator is monitoring a current bachelor group and starting another to see if this is a feasible option with the extra males.
Progress towards Goal #3	In progress.

- Please complete an updated Animal Care Manual table. List each SSP under the TAG's purview and provide information for each.

Common name (<i>Scientific name</i>)	SSP Designation ¹	ACM Status*	ACM Format**	ACM Coordinator	Facility	Email	Phone
Matschie's Tree Kangaroo (<i>Dendrolagus matschiei</i>)	Provisional SSP	Writing	Standalone	Kathy Russell	Santa Fe College (retiring 12 March 2024)	krussell60@gmail.com	—
Red Kangaroo (<i>Osphranter rufus</i>)	Provisional SSP	Planning	Combined - Macropod	TBD	—	—	—
Western Grey Kangaroo (<i>Macropus fuliginosus</i>)	Signature SSP	Planning	Combined - Macropod	Joseph Svoke	Zoo Miami	joseph.svoke@miamidade.gov	(248) 762-9721
Eastern Grey Kangaroo (<i>Macropus giganteus</i>)	AZA Studbook	Planning	Combined - Macropod	Shelley Scherer	Fort Wayne Children's Zoo	shelley.scherer@kidszoo.org	(260) 427-6800 x 700
Common Wallaroo (<i>Osphranter robustus</i>)	Provisional SSP	Planning	Combined - Macropod	Beth Carlyle- Askew	Woodland Park Zoo	beth.carlyle-askew@zoo.org	(206) 548-2670
Bennett's Wallaby (<i>Notamacropus rufogriseus</i>)	Provisional SSP	Planning	Combined - Macropod	Val Hautekeete	Blank Park Zoo	vmhautekeete@blankparkzoo.org	(515) 231-9830
Tammar Wallaby (<i>Notamacropus eugenii</i>)	Provisional SSP	Planning	Combined - Macropod	Jay Tetzloff	Blank Park Zoo	jrtetzloff@blankparkzoo.org	(515) 974-2567

Parma Wallaby (<i>Notamacropus parma</i>)	AZA Studbook	Planning	Combined - Macropod	Joni Hartman	Kansas City Zoo	jhartman@fotzkc.org	(816) 595-1323
Northern/Queensland Koala (<i>Phascolarctos cinereus</i> <i>adustus</i>)	Studbook	Writing	Standalone	Lindsey King	San Diego Zoo	LKing@sdzwa.org	619-231-1515 x4414
Short-beaked Echidna (<i>Tachyglossus aculeatus</i>)	Studbook	Writing	Standalone	Jim Haigwood	San Diego Zoo Safari Park	jhaigwood@sdzwa.org	760-747-8702 x 5462

* ACM Status can be reported as: (1) Published (indicate YEAR) and **Revision** in progress; (2) ACM **Published** (indicate YEAR); (3) **Submitted** to AZA for review/editing; (4) **Writing** in Progress (not submitted yet); (5) Active **Planning** has begun with contributors; (6) Process has **not started**.

** Format options are **Standalone** (ACM is for just this species) or **Combined** (ACM is for multiple species or combined in an umbrella ACM). For combined format indicate the umbrella category or other species included.

- ☒ I have conducted an annual review of all SSP Sustainability Reports under my purview.
- ☒ I have attached the Animal Program Deadlines and Planning Details Report from PMCTrack.
- Optional: Please list any field conservation, research projects, and/or special accomplishments that have been supported and/or conducted by the TAG in the past year. **The TAG supported the following research project: Prevalence of Gastrointestinal and Renal Lesions at Necropsy in Hill Wallaroos (*Macropus robustus*) After Chronic Meloxicam Administration, Dr. Amanda Huai-Chih Wen**