

To: Board of Management

From: Director, Finance & Technology

Subject: **ENDANGERED SPECIES RESERVE FUND – 2021 BUDGET**

Date: 2020-11-10

SUMMARY:

The Endangered Species Reserve Fund (ESRF) supports conservation and education projects to benefit endangered species in Canada and around the world. The 2021 Endangered Species Reserve Fund Budget is attached for approval.

RECOMMENDATIONS:

It is recommended that the Endangered Species Reserve Fund Projects in Appendix II with net expenditures of \$150,000 be approved by the Board of Management of the Toronto Zoo for funding from the Endangered Species Reserve Fund.

FINANCIAL IMPACT:

Approval of the budget will result in finalization of project plans and spending from the 2021 Endangered Species Reserve Fund. Based on anticipated revenue and interest income of \$67,000, the ESRF balance would decrease by \$83,000 on a net basis for 2021, versus the prior year (Appendix I).

DECISION HISTORY:

As part of its conservation mandate the Toronto Zoo undertakes many conservation and research projects locally, nationally, and internationally for the benefit of threatened and endangered species, promoting species survival, reproduction and habitat preservation. Most of this work is funded from the operating budget and is undertaken by Zoo staff directly or in collaboration with other external agencies. In 2019, conservation and research programs represented approximately 8% of Toronto Zoo expenditures.

The Endangered Species Reserve Fund provides another source of funding for conservation projects that the Zoo could not otherwise afford within the current budgetary framework. The Zoo is committed to serving our mission to connect people, animals and conservation science to fight extinction by increasing its investment and support of ESRF projects to benefit endangered species conservation and education initiatives in Canada and around the world.

The Zoo's Endangered Species Reserve Fund (ESRF) was established for the purpose of fulfilling the important mandate of funding conservation and research projects locally, nationally, and internationally for the benefit of threatened and endangered species, promoting species survival, reproduction and habitat preservation. Monies collected from the wishing wells on site, coin boxes at points of sale and accumulated interest from the Fund balance are the normal source of annual additions to the Fund. As well, several bequests are on deposit in the ESRF from previous years.

Approval by the Board is required for all disbursements from the ESRF.

COMMENTS:

The fund balance is expected to be \$963,412 as of 2020-12-31, and is influenced by the timing of expenditures, interest income and revenue from the Treats Walk on Boxing Day. Our practice has been to administer the fund based on ensuring that budgeted expenditure outflows are lower than expected revenue inflows to gradually grow the balance. The current balance of the fund and projection of income for 2021 facilitates the recommendation to approve the \$150,000 in submitted projects for 2021, resulting in a projected fund balance of \$880,412 by year-end 2021 (including earned interest). A summary of the 2021 projects is attached for your review (Appendix II).

The approval of the enhanced ESRF budget will provide for additional important conservation projects to be undertaken locally and around the world.

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ATTACHMENTS:

Appendix I - ESRF 2021 Budget
Appendix II - ESRF 2021 Project List

Appendix I

TORONTO ZOO ENDANGERED SPECIES RESERVE FUND

2021 BUDGET (Reserve Fund Basis)

	Budget 2021	Projected 2020	Budget 2020	Variance \$
EXPENDITURES				
Project Expenditures	150,000	137,900	150,000	(12,100)
REVENUE				
Wishing Well Donations	30,000	22,283	30,000	(7,717)
Treats Walk Contributions	15,000	15,586	15,000	586
Project Revenues / Donations	7,000	26	7,000	(6,974)
Investment Income	15,000	20,754	15,000	5,754
Sub Total Revenue	67,000	58,649	67,000	(8,352)
Excess of Revenue Over Expenditures	(83,000)	(79,252)	(83,000)	3,749
Fund Balance - Opening	963,412	1,042,663	983,414	59,249
Fund Balance - Closing	880,412	963,412	900,414	62,998

Appendix I

ENDANGERED SPECIES RESERVE FUND - 2021 PROJECTS					
Project #	Project Name	Organization	Amt \$CDN	Change from 2020	
ENHANCEMENT PROJECTS					
E1	Banded Lizard Preserve Project	ENHANCEMENT	Oklahoma Zoological Society	\$2,660	no change
E2	Kamada Dragon: Long-term Monitoring of the Demographic Status of Kamada Dragon Populations and their Prey in Kamada National Park	ENHANCEMENT	Kamada SSP Conservation Fund	\$1,330	no change
E3	Sumatran Tiger: Tiger Conservation in the Greater Lowland Landscape	ENHANCEMENT	Auckland Zoo - Sumatran Ranger Project	\$2,122	*new
E4	Snow Leopard - Combating Poaching - Keeper Day	ENHANCEMENT / KEEPER	Snow Leopard Trust	\$3,122	\$1000 decrease
E5	Pygmy Hippo: Forest of Hope - Gala National Park (Sierra Leone) and Gala National Forest (Liberia) Conservation Project - Keeper Day	ENHANCEMENT / KEEPER DAY	Forest of Hope	\$3,122	\$950 decrease
E6	Grey's Zebra: Conservation in Community Rangelands of Ethiopia and Kenya - Keeper Day	ENHANCEMENT / KEEPER	Grey's Zebra Trust Board of Trustees	\$1,452	no change
Total Enhancement Projects			\$14,308		
PROJECTS - MATCHING FUNDS					
7	Wood Bison: Influence of Seasonality on Assisted Reproductive Technologies in Wood Bison	MATCHING FUNDS	Toronto Zoo - Internal Project	\$12,500	no change
8	Oregon Spotted Frog: Understanding Fertility & Developing IVF Techniques in Oregon Spotted Frog (Mitosis)	MATCHING FUNDS	Toronto Zoo - Internal Project	\$12,500	no change
9	Native Bat Conservation Program	MATCHING FUNDS	Toronto Zoo - Internal Project	\$15,000	\$2203 decrease
10	Adapt-A-Pond Program	MATCHING FUNDS	Toronto Zoo - Internal Project	\$15,000	*new
11	Aqua-Link and Great Lakes Outreach Program	MATCHING FUNDS	Toronto Zoo - Internal Project	\$15,000	\$2202 decrease
12	Black-footed Ferret Caging Replacement	MATCHING FUNDS	Toronto Zoo - Internal Project	\$6,000	*new
Total with Matching Funds			\$76,000		
PROJECTS - AZA SAFE / KEY CONSERVATION					
13	Guerrilla: Project Guerrilla Fernan-Vaz - AZA SAFE	AZA SAFE	GuerrillaGaban.org	\$5,122	*new
14	Radiated Tortoise - AZA SAFE / Keeper Day	AZA SAFE / KEEPER DAY	Radiated Tortoise AZA SAFE Program - Michael Oglo	\$1,449	no change
15	American Turtle - Little Bear Q's "Audrey's Legacy" - AZA SAFE	AZA SAFE	Little Bear Q	\$1,449	*new
16	Cheetah (ENHANCEMENT): Cheetah Conservation - AZA SAFE	AZA SAFE	Cheetah Conservation Fund	\$1,330	no change
17	Marai Giraffe (ENHANCEMENT) Conservation Assessment in the Marai Mara Ecosystem, Kenya - Keeper Day	AZA SAFE / KEEPER DAY	Wild Nature Institute	\$3,122	no change
18	Sumatran Orangutan (ENHANCEMENT): Forest Restoration - Baritang, North Sumatra - Keeper Day	AZA SAFE / KEEPER DAY	Sumatran Orangutan Society	\$3,122	\$2000 decrease
19	Hutan Rehabilitation Efforts in Kinabatangan (Asian Hornbill, Hippo, Orang) - AZA SAFE	AZA SAFE	Hutan Conservation Program	\$3,122	no change
20	Lion Awareness Weekend	KEEPER DAY	Wildlife Conservation Network: Lion Recovery Fund	\$3,122	\$2100 given last year
21	Penguin: Southern African Foundation for the Conservation of Coastal Birds (SANCCOB) - AZA SAFE / Keeper Day	AZA SAFE / KEEPER DAY	Southern African Foundation for the Conservation of Coastal Birds	\$3,122	\$7100 decrease
22	Monarch Butterfly: Conserving Monarch Butterfly Overwintering Grounds in Mexico - AZA SAFE	AZA SAFE	EcoLife Conservation	\$1,000	no change
23	Eastern Loggerhead Shrike: Breeding Enclosure Upgrades (North American Songbird AZA SAFE)	AZA SAFE	Toronto Zoo - Internal Project	\$6,000	*new
24	African Vulture - Pairing Response Action - AZA SAFE	AZA SAFE	Zoo Atlanta - Bird Department	\$3,122	no change
25	Flamingo: Zoo Conservation Outreach Group, Andean Highland Flamingo - AZA SAFE	AZA SAFE	Zoo Conservation Outreach Group (ZCOG)	\$1,000	*new
Total with AZA SAFE / Key Conservation Programs			\$36,002		
PROJECTS - OTHER					
26	Polar Bear: Denning Habitat and Movement of Polar Bears	OTHER	Trent University (OMNRF)	\$1,500	no change
27	Marzouq Rattlesnake: Ojibway Prairie Reptile Recovery Program	OTHER	Toronto Zoo - Internal Project	\$5,000	no change
28	Anas, Banteng, Babirusa: Action Indonesia: Sumatran Ranger Project - Keeper Day / Conserving Anas, Banteng, and Babirusa	OTHER / KEEPER DAY	Action Indonesia	\$1,122	\$1000 US given last year
29	Mabula Ground Hare Project - Keeper Day	OTHER / KEEPER DAY	Mabula Private Game Reserve	\$3,122	no change
30	Green Macaw: Conservation of Great Green Macaw, Costa Rica	OTHER	Canadian Organization for Tropical Education and Rainforest	\$5,000	no change
31	Przewalski's Horse: True Wild Horse Conservation Program	OTHER	The Wildr	\$1,122	*new
Total Other			\$16,866		
PROJECTS - SAVING SPECIES / KEEPER AWARENESS DAY					
32	Rhinoceros #1	KEEPER DAY	Sumatran Rhinoceros Project - International Rhinoceros	\$3,122	\$3100 CDN given last year
33	Rhinoceros #2	KEEPER DAY	American Association of Zoo Keepers - Bauling for Rhinoceros (AAZK - BFR) - Louis Wildlife Conservancy (LWC)	\$3,122	\$2665 given last year
Total with Saving Species / Keeper Awareness Days			\$6,244		
* (E) - project submitted for enhancement permit purposes					
Exchange Rate for Budget: \$1.33 US - \$1.00 CDN					
TOTAL ENDANGERED SPECIES SUBMISSION - 2021			\$159,000		