

To: Board of Management

From: Paul K. Whittam
Director – Finance & Computer Services

Subject: **ENDANGERED SPECIES RESERVE FUND – 2020 BUDGET**

Date: 2019-10-10

SUMMARY:

The Endangered Species Reserve Fund (ESRF) supports conservation and education projects to benefit endangered species in Canada and around the world. The 2020 Endangered Species Reserve Fund Budget is attached for approval.

RECOMMENDATIONS:

It is recommended that ESRF Projects E1 to E11 and, 12 to 33 with net expenditures of \$150,000 be approved 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 2020 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 2020, 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. Historically, conservation and research programs represent approximately 18% of Toronto Zoo expenditures, with an additional 6% related to educational programs.

The Endangered Species Reserve Fund provides another source of sustained funding for conservation projects that the Zoo could not otherwise afford within current budgetary restrictions. The Zoo is committed to 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 (which total \$277,982) are on deposit in the Fund from previous years.

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

COMMENTS:

The fund balance is expected to be \$971,599 as of 2019-12-31, 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 2020 facilitates the recommendation to approve the \$150,000 in submitted projects for 2020, resulting in a projected fund balance of \$888,599 by year-end 2020 (including earned interest). The management of the ESRF is currently under review and a recommendation will be brought forward to the Board at a future meeting outlining proposed changes that will facilitate Management's objective of funding a total of approximately \$150,000 in projects annually on a go forward basis. A summary of the 2020 projects is attached for your consideration (Appendix II).

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

Paul K. Whittam
Director – Finance & Computer Services

ATTACHMENTS:

Appendix I - ESRF 2020 Budget
Appendix II - ESRF 2020 Project List
Schedule A - Project Descriptions

Appendix I

TORONTO ZOO ENDANGERED SPECIES RESERVE FUND

2020 BUDGET (Reserve Fund Basis)

	Budget 2020	Projected 2019	Budget 2019	Variance \$	Actuals 2018	Budget 2018	Variance \$	Actuals 2017	Budget 2017	Variance \$	Actual 2016	Budget 2016	Variance \$	Actual 2015	Budget 2015	Variance \$
EXPENDITURES																
Project Expenditures	150,000	64,246	81,525	(17,279)	66,752	66,760	(8)	63,564	65,318	(1,754)	71,741	94,332	(22,591)	54,926	79,046	(24,120)
REVENUE																
Wishing Well Donations	30,000	28,298	30,000	(1,702)	32,327	30,000	2,327	24,306	30,000	(5,694)	34,723	23,500	11,223	21,835	25,000	(3,165)
Treats Walk Contributions	15,000	21,249	15,000	6,249	26,596	15,000	11,596	10,104	15,000	(4,896)	11,524	25,000	(13,476)	36,771	22,000	14,771
Project Revenues / Donations	7,000	526	7,000	(6,474)	0	7,000	(7,000)	103	7,000	(6,898)	2,000	28,650	(26,650)	0	10,000	(10,000)
Investment Income	15,000	17,728	15,000	2,728	28,893	15,000	13,893	14,786	14,000	786	13,077	18,000	(4,923)	14,157	21,000	(6,843)
Sub Total Revenue	67,000	67,800	67,000	800	87,816	67,000	20,816	49,299	66,000	(16,702)	61,324	95,150	(33,826)	72,763	78,000	(5,237)
Excess of Revenue Over Expenditures	(83,000)	3,555	(14,525)	18,080	21,064	240	20,824	(14,266)	682	(14,948)	(10,417)	818	(11,235)	17,837	(1,046)	18,883
Fund Balance - Opening	971,599	968,045	997,939 	(29,894)	946,981	997,699 	(50,718)	961,246	997,017 	(35,771)	971,663	913,759 	57,904	953,826	914,805	39,021
Fund Balance - Closing	888,599	971,599	983,414 	(11,815)	968,045	997,939	(29,894)	946,981	997,699	(50,718)	961,246	997,017	(35,771)	971,663	913,759	57,904

ENDANGERED SPECIES RESERVE FUND - 2020 PROJECTS					
Project #	Project Name	Organization	Project Lead	Amt \$US	Amt \$CDN
	ENHANCEMENT PROJECTS				
E1	Beaded Lizard Community Based Conservation	Oklahoma Zoological Society	R. Vos	\$2,000	\$2,660
E2	Long-term Monitoring of the Demographic Status of Komodo Dragon Populations and their Prey in Komodo National Park	Komodo SSP Conservation Fund	R. Vos	\$1,000	\$1,330
E3	Securing the Last Wild Siamese Crocodile Population in Indonesia	Wildlife Conservation Society	R. Vos	\$1,000	\$1,330
E4	Snow Leopard – Combatting Poaching	Snow Leopard Trust	M. Franke	\$2,000	\$2,660
E5	Pygmy Hippo Conservation Project	Gola Rainforest National Park, Sierra Leone	M. Franke		\$1,950
E6	Human-Giraffe Conflict Management & Outreach - AZA SAFE / Keeper Day	Giraffe Conservation Foundation UK	M. Franke		\$2,000
E7	Tiger Conservation - Landscape of Sumatra	Minnesota Zoo Foundation	M. Franke	\$2,000	\$2,660
E8	Forest Restoration - Besitang, North Sumatra - AZA SAFE / Keeper Day	Sumatran Orangutan Society	M. Franke		\$3,300
E9	Plant A Red Panda Home	Red Panda Network	M. Franke	\$1,000	\$1,330
E10	Grewy's Zebra Conservation	Grewy's Zebra Trust Board of Trustees	M. Franke	\$1,000	\$1,330
E11	Cheetah Conservation - AZA SAFE	Cheetah Conservation Fund	M. Franke	\$1,000	\$1,330
	Total Enhancement Projects			\$11,000	\$21,880
	PROJECTS - MATCHING FUNDS				
12	Blanding's Turtle AND Wood Turtle Head-starting	Toronto Zoo - Internal Project	R. Vos		\$25,000
13	Influence of Seasonality on Assisted Reproductive Technologies in Wood Bison	Toronto Zoo - Internal Project	G. Mastromonaco		\$12,500
14	Native Bat Conservation Program	Toronto Zoo - Internal Project	K. Kerr/M. Whibbs		\$17,203
15	Aqua-Links & Great Lakes Outreach Program	Toronto Zoo - Internal Project	K. Kerr/M. Whibbs		\$17,202
16	Mottled Duskywing in Ontario	Natural Resource Solutions Inc.	K. Kerr/M. Whibbs		\$1,000
	Total with Matching Funds			\$0	\$72,905
	PROJECTS - KEY CONSERVATION				
17	Radiated Tortoise - AZA SAFE	Toronto Zoo - Internal Project	R. Vos	\$2,000	\$2,660
18	Support of the Southern African Foundation for the Conservation Of Coastal Birds (SANCCOB) - AZA SAFE / Keeper Day	Southern African Foundation for the Conservation of Coastal Birds	K. Kerr/M. Whibbs		\$8,100
19	African Vulture Conservation - AZA SAFE	Zoo Atlanta	K. Kerr/M. Whibbs		\$1,000
20	Understanding Fertility & Developing IVF Techniques in Oregon Spotted Frogs	Toronto Zoo - Internal Project	G. Mastromonaco		\$5,000
21	Ojibway Prairie Reptile Recovery Program	Toronto Zoo - Internal Project	R. Vos		\$5,000
	Total with AZA SAFE / Key Conservation Programs			\$0	\$21,760
	PROJECTS - OTHER				
22	Denning Habitat and Movements of Polar Bears - Hudson Bay Subpopulations	Ontario Ministry of Natural Resources and Forestry	D. Powley		\$1,500
23	Tree Kangaroo & Biodiversity Conservation	Woodland Park Zoo	M. Franke	\$1,000	\$1,330
24	Action Indonesia: Conserving Anoa, Banteng and Babirusa	Chester Zoo	M. Franke	\$1,000	\$1,330
25	Hutan Reforestation Efforts In Kinabatangan	Hutan Conservation Program	M. Franke	\$1,000	\$1,330
26	Support of the Mabula Ground Hornbill Project	Mabula Private Game Reserve	K. Kerr/M. Whibbs		\$1,000
27	Conservation of Great Green Macaw, Costa Rica	Canadian Organization for Tropical Education and Rainforest Conservation	K. Kerr/M. Whibbs		\$5,000
	Total Other			\$3,000	\$11,490
	PROJECTS - SAVING SPECIES / KEEPER AWARENESS DAY				
28	Rhino Awareness #1	Sumatran Rhino Rescue Project - International Rhino Foundation – IRF	A. Drost		\$3,100
29	Rhino Awareness #2	American Association of Zoo Keepers – Bowling for Rhinos (AAZK – BFR) – Lewa Wildlife Conservancy (LWC)	A. Drost		\$6,650
30	Lion Awareness Weekend	Wildlife Conservation Network: Lion Recovery Fund	A. Drost		\$2,100
31	Lemur Awareness Weekend	Planet Madagascar	A. Drost		\$2,000
32	Gorilla Ape Action - Phone Apes / Keeper Day	Ape Action Africa	K. Greenham/A.Drost		\$6,165
33	River Hippo Awareness	Wechiau Community Hippo Sanctuary (WCHS)	A. Drost		\$1,950
	Total with Saving Species / Keeper Awareness Days			\$0	\$21,965
	* (E) = project submitted for enhancement permit purposes				
	Exchange Rate for Budget: \$1.33 US = \$1.00 CDN	TOTAL ENDANGERED SPECIES SUBMISSION - 2020- BUDGET			\$150,000