



To: Board of Management

From: Robin D. Hale  
Chief Operating Officer

Subject: **ENDANGERED SPECIES RESERVE FUND – 2011 BUDGET**

Date: 2010-11-10

---

**Summary:**

The Endangered Species Reserve Fund Budget, funds research and education projects to benefit endangered species in Canada and around the world. The 2011 Endangered Species Reserve Fund Budget is attached for approval.

**Recommendations:**

**It is recommended that the attached project submissions 1 to 25 and E1 to E6, with net expenditures of \$90,050 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 2011 Endangered Species Reserve Fund (ESRF). Based on anticipated revenue and interest income of \$91,150 the ESRF balance would increase by \$1,100 in 2011, versus the prior year as projected (Appendix D).

**Background:**

The Zoo's Endangered Species Reserve Fund (ESRF) was established for the purpose of funding research and education projects that directly assist in the conservation of endangered species. 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/Discussion:**

The fund balance is projected to be \$826,101 as of 2010-12-31, and has increased to this level over the past three years due to 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 consistent balance of the fund in the past two years facilitates the recommendation

to approve the \$90,050 in submitted projects for 2011, resulting in a net fund inflow of \$1,100 and a projected fund balance of \$827,200 by year-end 2010 (including earned interest). A summary of the 2011 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.

---

R. D. Hale  
Chief Operating Officer

**List of Attachments:**

Appendix I - ESRF 2011 Budget

Appendix II – ESRF 2011 Project List

**TORONTO ZOO**  
**ENDANGERED SPECIES RESERVE FUND**  
**2011 BUDGET**  
**(Reserve Fund Basis)**

	<b>Budget 2011 \$</b>	<b>Projected 2010 \$</b>	<b>Budget 2010 \$</b>	<b>Actual 2009 \$</b>	<b>Actual 2008 \$</b>	<b>Actual 2007 \$</b>	<b>Actual 2006 \$</b>	<b>Actual 2005 \$</b>	<b>Actual 2004 \$</b>	<b>Actual 2003 \$</b>	<b>Actual 2002 \$</b>
<b>EXPENDITURES</b>											
Project Expenditures	90,050	85,000	94,612	54,801	85,865	89,730	98,370	74,906	31,391	54,332	53,595
<b>REVENUE</b>											
Wishing Well Donations	36,650 *	41,500	34,437	34,519	34,041	36,219	25,885	27,233	42,671	35,506	37,394
Treats Walk Contributions	15,000	15,000	33,000	8,105	20,007	37,200					
Project Revenues / Donations	7,000	7,000		7,000							
Investment Income	32,500	31,000	30,555	36,291	18,631	66,439	62,616	47,115	45,017	51,002	45,671
Sub Total Revenue	91,150	94,500	97,992	85,915	72,679	139,858	88,501	74,348	87,688	86,508	83,065
Excess of Revenue Over Expenditures	1,100	9,500	3,380	31,114	(13,186)	50,128	(9,869)	(558)	56,297	32,176	29,470
<b>Fund Balance - Opening</b>	<b>826,101</b>	<b>816,601</b>	<b>816,601</b>	<b>785,487</b>	<b>798,673</b>	<b>748,545</b>	<b>758,414</b>	<b>758,972</b>	<b>702,675</b>	<b>670,499</b>	<b>641,029</b>
<b>Fund Balance - Closing</b>	<b>827,200</b>	<b>826,101</b>	<b>819,981</b>	<b>816,601</b>	<b>785,487</b>	<b>798,673</b>	<b>748,545</b>	<b>758,414</b>	<b>758,972</b>	<b>702,675</b>	<b>670,499</b>

\* Budget based on 4 year average

## ENDANGERED SPECIES RESERVE FUND - 2011 PROJECTS

Project #	Project Name	Organization	Project Lead	Amt \$US	Amt \$CDN
1	BFF Canadian Reintroduction - Post release Monitoring	Toronto Zoo - Internal Project	M. Franke		\$6,700
2	Loggerhead Shrike	Toronto Zoo - Internal Project	T. Mason		\$3,000
3	Project 400	Ontario Road Ecology Group	D. Ireland		\$7,000
4	Polar Bear Biodiversity Studies	OMNR	W. Rapley		\$2,000
5	Panama Frog Rescue Program (Invert Production)	Toronto Zoo - Internal Project	T. Mason		\$1,750
6	Great Lakes Outreach	Toronto Zoo - Internal Project	C. Lee		\$15,000
7	Giant Panda	Memphis Zoo	W. Rapley		\$3,000
8	Karner Blue Recover Group	Toronto Zoo - Internal Project	T. Mason		\$1,000
9	Asian Turtle Crisis Range Country Conservation	Turtle Survival Alliance	B. Johnson	\$3,000	\$3,150
10	Lewa Veterinary Conservancy & Vet Program	Lewa Wildlife Conservancy	G. Crawshaw		\$5,000
11	Wyoming Toad SSP Disease Screening / Population Monitoring	Toronto Zoo - Internal Project	B. Johnson	\$2,900	\$3,050
12	Intl Elephant Foundation - Waterways & Dura Recovery Project	Intl Elephant Foundation	M. Franke	\$1,000	\$1,050
13	Aqua-Links	Toronto Zoo - Internal Project	C. Lee		\$5,000
14	Mbeli Bai	Wildlife Conserv. Society (WCS)	M. Franke		\$2,000
15	Project Seahorse	Toronto Zoo - Internal Project	C. Lee		\$1,000
16	Butterfly Conservation Initiative	Toronto Zoo - Internal Project	T. Mason	\$1,000	\$1,050
17	Pygmy Hippo & Manatee Conservation in Ivory Coast	Wildlife Conserv. Society (WCS)	M. Franke	\$1,000	\$1,050
18	Urinary reproductive hormone levels in female chinchillas	Toronto Zoo - Internal Project	G. Mastromonaco		\$2,000
19	Cell cultures from Lake Victoria cichlids	Toronto Zoo - Internal Project	G. Mastromonaco		\$2,000
20	Alvar in Ontario	The Alvar Research Initiative	D. Ireland		\$5,000
21	Species at Risk Nest Protection	Laurentian University	B. Johnson		\$2,500
22	Turtle Mitigation	Toronto Zoo - Internal Project	B. Johnson		\$1,500
23	Blandings turtle	Parks Canada	B. Johnson		\$2,500
24	First Nations Way of Knowing	Toronto Zoo - Internal Project	B. Johnson		\$2,000
25	Retrofit of wishing wells for Endangered Species	Toronto Zoo - Internal Project	R deGuzman		\$4,500
		<b>TOTAL AMOUNT FOR REGULAR PROJECTS</b>			<b>\$83,800</b>
	<b>ENHANCEMENT PROJECTS</b>				
E1	NA Save the Rhino Campaign (E)	Intl Rhino Foundation	M. Franke	\$1,000	\$1,050
E2	Malayan Tapir (E)	Malayan Tapir Conservation (TAG)	M. Franke	\$1,000	\$1,050
E3	Spider Turtle (E)	Open University	B. Johnson	\$1,000	\$1,050
E4	African penguins (E)	SANCCOB	T. Mason		\$1,000
E5	Project Punde Kundo (Red Panda) (E)	Red Panda Network	M. Franke	\$1,000	\$1,050
E6	Wild Clouded leopard conservation in Thailand (E)	Clouded Leopard Project	M. Franke	\$1,000	\$1,050
		<b>TOTAL AMOUNT FOR ENHANCEMENT PROJECTS</b>		<b>\$5,000</b>	<b>\$6,250</b>
	<b>* (E) = project submitted for enhancement permit purposes</b>				
	<b>Exchange Rate for Budget: \$1.00 US = \$1.05 CDN</b>	<b>TOTAL ENDANGERED SPECIES SUBMISSION - 2011 BUDGET</b>			<b>\$90,050</b>

Endangered Species Submission for previous year (2009) = \$94,612