

Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

Do not enter social security numbers on this form as it may be made public.
Information about Form 990 and its instructions is at www.irs.gov/form990.

2014

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

A For the 2014 calendar year, or tax year beginning , 2014, and ending ,


B Check if applicable: <input type="checkbox"/> Address change <input type="checkbox"/> Name change <input type="checkbox"/> Initial return <input type="checkbox"/> Final return/terminated <input type="checkbox"/> Amended return <input type="checkbox"/> Application pending	C Name of organization <u>Rare Species Conservatory Foundation</u>		D Employer identification number 65-0560456
	Doing business as Number and street (or P.O. box if mail is not delivered to street address) Room/suite <u>1222 E Road</u>		E Telephone number (561) 790-5864
	City or town, state or province, country, and ZIP or foreign postal code <u>Loxahatchee FL 33470</u>		G Gross receipts \$ <u>347,454.</u>
	F Name and address of principal officer: <u>Paul R Reillo 1222 E Road Loxahatchee FL 33470</u>		H(a) Is this a group return for subordinates? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> H(b) Are all subordinates included? Yes <input type="checkbox"/> No <input type="checkbox"/> If 'No,' attach a list. (see instructions)
I Tax-exempt status <input checked="" type="checkbox"/> 501(c)(3) <input type="checkbox"/> 501(c) () (insert no.) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527	J Website: <u>Rarespecies.org</u>		H(c) Group exemption number ▶
K Form of organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other ▶	L Year of formation: <u>1994</u>	M State of legal domicile: <u>FL</u>	

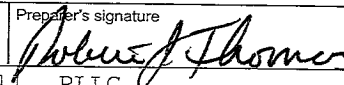
Part I Summary

Activities & Governance	1	Briefly describe the organization's mission or most significant activities: <u>International wildlife conservation Biodiversity and habitat protection; endangered and threatened species propagation, management and recovery programs; capacity building and outreach.</u>		
	2	Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets.		
	3	Number of voting members of the governing body (Part VI, line 1a)	3	4
	4	Number of independent voting members of the governing body (Part VI, line 1b)	4	4
	5	Total number of individuals employed in calendar year 2014 (Part V, line 2a)	5	8
	6	Total number of volunteers (estimate if necessary)	6	0
	7a	Total unrelated business revenue from Part VIII, column (C), line 12	7a	0.
7b	Net unrelated business taxable income from Form 990-T, line 34	7b	0.	
Revenue	8	Contributions and grants (Part VIII, line 1h)	320,408.	346,661.
	9	Program service revenue (Part VIII, line 2g)		
	10	Investment income (Part VIII, column (A), lines 3, 4, and 7d)	747.	793.
	11	Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)		
	12	Total revenue — add lines 8 through 11 (must equal Part VIII, column (A), line 12)	321,155.	347,454.
Expenses	13	Grants and similar amounts paid (Part IX, column (A), lines 1-3)	35,400.	39,423.
	14	Benefits paid to or for members (Part IX, column (A), line 4)		
	15	Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	150,690.	104,582.
	16a	Professional fundraising fees (Part IX, column (A), line 11e)		
	b	Total fundraising expenses (Part IX, column (D), line 25) ▶	0.	
	17	Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)	119,892.	117,957.
	18	Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25)	305,982.	261,962.
19	Revenue less expenses. Subtract line 18 from line 12	15,173.	85,492.	
Net Assets or Fund Balances	20	Total assets (Part X, line 16)	1,550,054.	1,640,122.
	21	Total liabilities (Part X, line 26)	0.	
	22	Net assets or fund balances. Subtract line 21 from line 20	1,550,054.	1,640,122.

Part II Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here	Signature of officer 	Date <u>9 May 2015</u>
	Type or print name and title. <u>Paul R. Reillo, Foundation President</u>	

Paid Preparer Use Only	Print/Type preparer's name Robert J Thomas	Preparer's signature 	Date 05/09/15	Check <input type="checkbox"/> if self-employed PTIN P00337434
	Firm's name ▶ <u>Mark Brechbill, PLLC</u>		Firm's EIN ▶ <u>46-0734020</u>	
	Firm's address ▶ <u>215 S Federal Hwy, Suite 200</u> <u>Stuart FL 34994</u>		Phone no. (772) 220-3380	

May the IRS discuss this return with the preparer shown above? (see instructions) Yes No

Part III Statement of Program Service Accomplishments

Check if Schedule O contains a response or note to any line in this Part III

1 Briefly describe the organization's mission: International wildlife conservation, Biodiversity and habitat protection; endangered and threatened species propagation, management and recovery programs; capacity building and outreach

2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? No

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? No

4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.

4a (Code:) (Expenses \$ 259,381. including grants of \$ 0.) (Revenue \$ 0.) Endangered species propagation and management programs - Rare Species Conservatory in Loxahatchee, FL See Statement of Program Service Accomplishments attached

4b (Code:) (Expenses \$ 39,423. including grants of \$ 38,000.) (Revenue \$ 0.) International (in Situ) wildlife/biodiversity conservation Programs See Statement of Program Service Accomplishments attached

4c (Code:) (Expenses \$ including grants of \$) (Revenue \$)

4d Other program services. (Describe in Schedule O.) (Expenses \$ including grants of \$) (Revenue \$)

4e Total program service expenses 298,804.

Part IV Checklist of Required Schedules

	Yes	No
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If 'Yes,' complete Schedule A	X	
2 Is the organization required to complete Schedule B, Schedule of Contributors (see instructions)?	X	
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If 'Yes,' complete Schedule C, Part I		X
4 Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? If 'Yes,' complete Schedule C, Part II		X
5 Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? If 'Yes,' complete Schedule C, Part III		X
6 Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? If 'Yes,' complete Schedule D, Part I		X
7 Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? If 'Yes,' complete Schedule D, Part II		X
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? If 'Yes,' complete Schedule D, Part III		X
9 Did the organization report an amount in Part X, line 21, for escrow or custodial account liability; serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services? If 'Yes,' complete Schedule D, Part IV		X
10 Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? If 'Yes,' complete Schedule D, Part V		X
11 If the organization's answer to any of the following questions is 'Yes,' then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable.		
a Did the organization report an amount for land, buildings and equipment in Part X, line 10? If 'Yes,' complete Schedule D, Part VI	X	
b Did the organization report an amount for investments — other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? If 'Yes,' complete Schedule D, Part VII		X
c Did the organization report an amount for investments — program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? If 'Yes,' complete Schedule D, Part VIII	X	
d Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? If 'Yes,' complete Schedule D, Part IX		X
e Did the organization report an amount for other liabilities in Part X, line 25? If 'Yes,' complete Schedule D, Part X		X
f Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? If 'Yes,' complete Schedule D, Part X		X
12a Did the organization obtain separate, independent audited financial statements for the tax year? If 'Yes,' complete Schedule D, Parts XI, and XII		X
b Was the organization included in consolidated, independent audited financial statements for the tax year? If 'Yes,' and if the organization answered 'No' to line 12a, then completing Schedule D, Parts XI and XII is optional		X
13 Is the organization a school described in section 170(b)(1)(A)(ii)? If 'Yes,' complete Schedule E		X
14a Did the organization maintain an office, employees, or agents outside of the United States?		X
b Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? If 'Yes,' complete Schedule F, Parts I and IV	X	
15 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any foreign organization? If 'Yes,' complete Schedule F, Parts II and IV	X	
16 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? If 'Yes,' complete Schedule F, Parts III and IV		X
17 Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? If 'Yes,' complete Schedule G, Part I (see instructions)		X
18 Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? If 'Yes,' complete Schedule G, Part II		X
19 Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If 'Yes,' complete Schedule G, Part III		X
20 a Did the organization operate one or more hospital facilities? If 'Yes,' complete Schedule H		X
b If 'Yes' to line 20a, did the organization attach a copy of its audited financial statements to this return?		

Part IV Checklist of Required Schedules (continued)

	Yes	No
21 Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? <i>If 'Yes,' complete Schedule I, Parts I and II</i>		X
22 Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? <i>If 'Yes,' complete Schedule I, Parts I and III</i>		X
23 Did the organization answer 'Yes' to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If 'Yes,' complete Schedule J</i>		X
24a Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If 'Yes,' answer lines 24b through 24d and complete Schedule K. If 'No,' go to line 25a</i>		X
b Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?		
c Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?		
d Did the organization act as an 'on behalf of' issuer for bonds outstanding at any time during the year?		
25a Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If 'Yes,' complete Schedule L, Part I</i>		X
b Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If 'Yes,' complete Schedule L, Part I</i>		X
26 Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If 'Yes,' complete Schedule L, Part II</i>		X
27 Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? <i>If 'Yes,' complete Schedule L, Part III</i>		X
28 Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions):		
a A current or former officer, director, trustee, or key employee? <i>If 'Yes,' complete Schedule L, Part IV</i>		X
b A family member of a current or former officer, director, trustee, or key employee? <i>If 'Yes,' complete Schedule L, Part IV</i>		X
c An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If 'Yes,' complete Schedule L, Part IV</i>		X
29 Did the organization receive more than \$25,000 in non-cash contributions? <i>If 'Yes,' complete Schedule M</i>		X
30 Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If 'Yes,' complete Schedule M</i>		X
31 Did the organization liquidate, terminate, or dissolve and cease operations? <i>If 'Yes,' complete Schedule N, Part I</i>		X
32 Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If 'Yes,' complete Schedule N, Part II</i>		X
33 Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If 'Yes,' complete Schedule R, Part I</i>		X
34 Was the organization related to any tax-exempt or taxable entity? <i>If 'Yes,' complete Schedule R, Part II, III, or IV, and Part V, line 1</i>		X
35a Did the organization have a controlled entity within the meaning of section 512(b)(13)?		X
b If 'Yes' to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If 'Yes,' complete Schedule R, Part V, line 2</i>		X
36 Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If 'Yes,' complete Schedule R, Part V, line 2</i>		X
37 Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If 'Yes,' complete Schedule R, Part VI</i>		X
38 Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? Note. All Form 990 filers are required to complete Schedule O	X	

BAA

Part V Statements Regarding Other IRS Filings and Tax Compliance

Check if Schedule O contains a response or note to any line in this Part V

Table with columns for question number, response, Yes, and No. Rows include questions 1a-1c, 2a-2b, 3a-3b, 4a-4b, 5a-5c, 6a-6b, 7a-7h, 8, 9a-9b, 10a-10b, 11a-11b, 12a-12b, 13a-13c, and 14a-14b.

Part VI Governance, Management, and Disclosure For each 'Yes' response to lines 2 through 7b below, and for a 'No' response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions.

Check if Schedule O contains a response or note to any line in this Part VI. [X]

Section A. Governing Body and Management

Table with 3 columns: Question, Yes, No. Rows include: 1a Enter the number of voting members of the governing body... 1b Enter the number of voting members included in line 1a... 2 Did any officer, director, trustee, or key employee have a family relationship... 3 Did the organization delegate control over management duties... 4 Did the organization make any significant changes to its governing documents... 5 Did the organization become aware during the year of a significant diversion of the organization's assets... 6 Did the organization have members or stockholders... 7a Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body... 7b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body... 8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following: a The governing body? b Each committee with authority to act on behalf of the governing body? 9 Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If 'Yes,' provide the names and addresses in Schedule O.

Section B. Policies (This Section B requests information about policies not required by the Internal Revenue Code.)

Table with 3 columns: Question, Yes, No. Rows include: 10a Did the organization have local chapters, branches, or affiliates? b If 'Yes,' did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes? 11a Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form? b Describe in Schedule O the process, if any, used by the organization to review this Form 990. 12a Did the organization have a written conflict of interest policy? If 'No,' go to line 13. b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts? c Did the organization regularly and consistently monitor and enforce compliance with the policy? If 'Yes,' describe in Schedule O how this was done. 13 Did the organization have a written whistleblower policy? 14 Did the organization have a written document retention and destruction policy? 15 Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision? a The organization's CEO, Executive Director, or top management official b Other officers or key employees of the organization. If 'Yes' to line 15a or 15b, describe the process in Schedule O (see instructions). 16a Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year? b If 'Yes,' did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?

Section C. Disclosure

- 17 List the states with which a copy of this Form 990 is required to be filed Florida
18 Section 6104 requires an organization to make its Forms 1023 (or 1024 if applicable), 990, and 990-T (Section 501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply.
[] Own website [] Another's website [X] Upon request [] Other (explain in Schedule O)
19 Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.
20 State the name, address, and telephone number of the person who possesses the organization's books and records:
Paul R Reillo Ph.D. 1222 E Road Loxahatchee FL 33470 (561) 790-5864

Part VII Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

Check if Schedule O contains a response or note to any line in this Part VII

Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

1 a Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
- List all of the organization's **current** key employees, if any. See instructions for definition of 'key employee.'
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations.
- List all of the organization's **former** officers, key employees, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.

List persons in the following order: individual trustees or directors; institutional trustees; officers; key employees; highest compensated employees; and former such persons.

Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee.

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(1) Paul R Reillo Ph.D. President/Secretary	60.00	X		X				0.	0.	0.
(2) George Amato Ph.D. Director	10.00	X						0.	0.	0.
(3) Richard D Estes Ph.D. Director	10.00	X						0.	0.	0.
(4) Christopher Langen Esq. Director	10.00	X						0.	0.	0.
(5)										
(6)										
(7)										
(8)										
(9)										
(10)										
(11)										
(12)										
(13)										
(14)										

Part VII Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees (continued)

(A) Name and title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)					(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee			
(15) -----									
(16) -----									
(17) -----									
(18) -----									
(19) -----									
(20) -----									
(21) -----									
(22) -----									
(23) -----									
(24) -----									
(25) -----									
1 b Sub-total						0.	0.	0.	
c Total from continuation sheets to Part VII, Section A									
d Total (add lines 1b and 1c)						0.	0.	0.	

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization ▶

	Yes	No
3 Did the organization list any former officer, director, or trustee, key employee, or highest compensated employee on line 1a? <i>If 'Yes,' complete Schedule J for such individual</i>		X
4 For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? <i>If 'Yes,' complete Schedule J for such individual</i>		X
5 Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? <i>If 'Yes,' complete Schedule J for such person</i>		X

Section B. Independent Contractors

1 Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization. Report compensation for the calendar year ending with or within the organization's tax year.

(A) Name and business address	(B) Description of services	(C) Compensation

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization ▶

Part VIII Statement of Revenue

Check if Schedule O contains a response or note to any line in this Part VIII

		(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514
Contributions, Gifts, Grants and Other Similar Amounts	1 a Federated campaigns	1 a			
	b Membership dues	1 b			
	c Fundraising events	1 c			
	d Related organizations	1 d			
	e Government grants (contributions)	1 e			
	f All other contributions, gifts, grants, and similar amounts not included above	1 f	346,661.		
	g Noncash contributions included in lines 1a-1f: \$				
h Total. Add lines 1a-1f		346,661.			
Program Service Revenue	2 a	Business Code			
	b				
	c				
	d				
	e				
	f All other program service revenue				
	g Total. Add lines 2a-2f				
3 Investment income (including dividends, interest and other similar amounts)		793.	0.	0.	793.
4 Income from investment of tax-exempt bond proceeds					
5 Royalties					
Other Revenue	6 a Gross rents b Less: rental expenses c Rental income or (loss) d Net rental income or (loss)	(i) Real	(ii) Personal		
	7 a Gross amount from sales of assets other than inventory b Less: cost or other basis and sales expenses c Gain or (loss) d Net gain or (loss)	(i) Securities	(ii) Other		
	8 a Gross income from fundraising events (not including . . \$ of contributions reported on line 1c). See Part IV, line 18. a b Less: direct expenses b c Net income or (loss) from fundraising events				
	9 a Gross income from gaming activities. See Part IV, line 19. a b Less: direct expenses b c Net income or (loss) from gaming activities				
10 a Gross sales of inventory, less returns and allowances a b Less: cost of goods sold b c Net income or (loss) from sales of inventory					
Miscellaneous Revenue		Business Code			
11 a b c d All other revenue e Total. Add lines 11a-11d					
12 Total revenue. See instructions		347,454.	0.	0.	793.

Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

Check if Schedule O contains a response or note to any line in this Part IX

<i>Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.</i>	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21.				
2 Grants and other assistance to domestic individuals. See Part IV, line 22.				
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16.	39,423.	39,423.		
4 Benefits paid to or for members.				
5 Compensation of current officers, directors, trustees, and key employees				
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B).				
7 Other salaries and wages.	97,214.	97,214.	0.	0.
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions).				
9 Other employee benefits				
10 Payroll taxes	7,368.	7,368.	0.	0.
11 Fees for services (non-employees):				
a Management				
b Legal				
c Accounting	2,520.	0.	2,520.	0.
d Lobbying				
e Professional fundraising services. See Part IV, line 17				
f Investment management fees				
g Other. (If line 11g amt exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O).				
12 Advertising and promotion				
13 Office expenses	850.	850.	0.	0.
14 Information technology				
15 Royalties				
16 Occupancy				
17 Travel				
18 Payments of travel or entertainment expenses for any federal, state, or local public officials				
19 Conferences, conventions, and meetings				
20 Interest				
21 Payments to affiliates				
22 Depreciation, depletion, and amortization	9,415.	9,415.	0.	0.
23 Insurance				
24 Other expenses. Itemize expenses not covered above (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O.)				
a <u>Feed and Supplies</u>	61,584.	61,584.	0.	0.
b <u>Utilities and Fuel</u>	6,971.	6,971.	0.	0.
c <u>Development and Education</u>	5,532.	5,532.	0.	0.
d <u>Communications</u>	2,124.	2,124.	0.	0.
e All other expenses	28,961.	28,900.	61.	0.
25 Total functional expenses. Add lines 1 through 24e.	261,962.	259,381.	2,581.	0.
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720).				

Part X Balance Sheet

Check if Schedule O contains a response or note to any line in this Part X

		(A) Beginning of year		(B) End of year	
Assets	1	Cash — non-interest-bearing	233,824.	1	366,340.
	2	Savings and temporary cash investments	341,274.	2	303,666.
	3	Pledges and grants receivable, net		3	
	4	Accounts receivable, net		4	
	5	Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L		5	
	6	Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions). Complete Part II of Schedule L		6	
	7	Notes and loans receivable, net		7	
	8	Inventories for sale or use		8	
	9	Prepaid expenses and deferred charges		9	
	10a	Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a 996,636.		
	10b	Less: accumulated depreciation	10b 64,312.		
			941,739.	10c	932,324.
	11	Investments — publicly traded securities	29,508.	11	37,292.
	12	Investments — other securities. See Part IV, line 11		12	
	13	Investments — program-related. See Part IV, line 11		13	
	14	Intangible assets		14	
15	Other assets. See Part IV, line 11	3,709.	15	500.	
16	Total assets. Add lines 1 through 15 (must equal line 34)	1,550,054.	16	1,640,122.	
Liabilities	17	Accounts payable and accrued expenses	0.	17	
	18	Grants payable		18	
	19	Deferred revenue		19	
	20	Tax-exempt bond liabilities		20	
	21	Escrow or custodial account liability. Complete Part IV of Schedule D		21	
	22	Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L		22	
	23	Secured mortgages and notes payable to unrelated third parties		23	
	24	Unsecured notes and loans payable to unrelated third parties		24	
	25	Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D		25	
	26	Total liabilities. Add lines 17 through 25	0.	26	0.
Net Assets or Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.				
	27	Unrestricted net assets	1,550,054.	27	1,640,122.
	28	Temporarily restricted net assets		28	
	29	Permanently restricted net assets		29	
	Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.				
	30	Capital stock or trust principal, or current funds		30	
	31	Paid-in or capital surplus, or land, building, or equipment fund		31	
	32	Retained earnings, endowment, accumulated income, or other funds		32	
	33	Total net assets or fund balances.	1,550,054.	33	1,640,122.
34	Total liabilities and net assets/fund balances	1,550,054.	34	1,640,122.	

Part XI Reconciliation of Net Assets

Check if Schedule O contains a response or note to any line in this Part XI.

1	Total revenue (must equal Part VIII, column (A), line 12)	1	347,454.
2	Total expenses (must equal Part IX, column (A), line 25)	2	261,962.
3	Revenue less expenses. Subtract line 2 from line 1	3	85,492.
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	1,550,054.
5	Net unrealized gains (losses) on investments	5	7,875.
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	
9	Other changes in net assets or fund balances (explain in Schedule O)	9	
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	1,643,421.

Part XII Financial Statements and Reporting

Check if Schedule O contains a response or note to any line in this Part XII.

		Yes	No
1	Accounting method used to prepare the Form 990: <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual <input type="checkbox"/> Other		
If the organization changed its method of accounting from a prior year or checked 'Other,' explain in Schedule O.			
2 a	Were the organization's financial statements compiled or reviewed by an independent accountant?		X
If 'Yes,' check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both:			
<input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis			
2 b	Were the organization's financial statements audited by an independent accountant?		X
If 'Yes,' check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both:			
<input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis			
2 c	If 'Yes' to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant?		
If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O.			
3 a	As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?		X
3 b	If 'Yes,' did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits		

BAA

Form 990 (2014)

SCHEDULE A
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.

▶ Attach to Form 990 or Form 990-EZ.

▶ Information about Schedule A (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

OMB No. 1545-0047

2014

Open to Public Inspection

Name of the organization Rare Species Conservatory Foundation	Employer identification number 65-0560456
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Part I Reason for Public Charity Status (All organizations must complete this part.) See instructions.

The organization is not a private foundation because it is: (For lines 1 through 11, check only one box.)

- 1 A church, convention of churches, or association of churches described in **section 170(b)(1)(A)(i)**.
- 2 A school described in **section 170(b)(1)(A)(ii)**. (Attach Schedule E.)
- 3 A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii)**.
- 4 A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii)**. Enter the hospital's name, city, and state: _____
- 5 An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv)**. (Complete Part II.)
- 6 A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v)**.
- 7 An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi)**. (Complete Part II.)
- 8 A community trust described in **section 170(b)(1)(A)(vi)**. (Complete Part II.)
- 9 An organization that normally receives: (1) more than 33-1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions – subject to certain exceptions, and (2) no more than 33-1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975. See **section 509(a)(2)**. (Complete Part III.)
- 10 An organization organized and operated exclusively to test for public safety. See **section 509(a)(4)**.
- 11 An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in **section 509(a)(1)** or **section 509(a)(2)**. See **section 509(a)(3)**. Check the box in lines 11a through 11d that describes the type of supporting organization and complete lines 11e, 11f, and 11g.
 - a **Type I.** A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization. **You must complete Part IV, Sections A and B.**
 - b **Type II.** A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s). **You must complete Part IV, Sections A and C.**
 - c **Type III functionally integrated.** A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions). **You must complete Part IV, Sections A, D, and E.**
 - d **Type III non-functionally integrated.** A supporting organization operated in connection with its supported organization(s) that is not functionally integrated. The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions). **You must complete Part IV, Sections A and D, and Part V.**
 - e Check this box if the organization received a written determination from the IRS that is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization.
- f Enter the number of supported organizations
- g Provide the following information about the supported organization(s).

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1-9 above or IRC section (see instructions))	(iv) Is the organization listed in your governing document?		(v) Amount of monetary support (see instructions)	(vi) Amount of other support (see instructions)
			Yes	No		
(A)						
(B)						
(C)						
(D)						
(E)						
Total						

Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)

(Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2010	(b) 2011	(c) 2012	(d) 2013	(e) 2014	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any 'unusual grants.')	264,635.	207,101.	453,248.	320,408.	346,661.	1,592,053.
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge.						
4 Total. Add lines 1 through 3	264,635.	207,101.	453,248.	320,408.	346,661.	1,592,053.
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						167,066.
6 Public support. Subtract line 5 from line 4						1,424,987.

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2010	(b) 2011	(c) 2012	(d) 2013	(e) 2014	(f) Total
7 Amounts from line 4	264,635.	207,101.	453,248.	320,408.	346,661.	1,592,053.
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	2,242.	1,788.	1,038.	747.	793.	6,608.
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
11 Total support. Add lines 7 through 10						1,598,661.
12 Gross receipts from related activities, etc (see instructions)					12	
13 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here ▶ <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

14 Public support percentage for 2014 (line 6, column (f) divided by line 11, column (f))	14	89.14 %
15 Public support percentage from 2013 Schedule A, Part II, line 14	15	95.32 %
16a 33-1/3% support test – 2014. If the organization did not check the box on line 13, and the line 14 is 33-1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization ▶ <input checked="" type="checkbox"/>		
b 33-1/3% support test – 2013. If the organization did not check a box on line 13 or 16a, and line 15 is 33-1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
17a 10%-facts-and-circumstances test – 2014. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the 'facts-and-circumstances' test, check this box and stop here. Explain in Part VI how the organization meets the 'facts-and-circumstances' test. The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
b 10%-facts-and-circumstances test – 2013. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the 'facts-and-circumstances' test, check this box and stop here. Explain in Part VI how the organization meets the 'facts-and-circumstances' test. The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
18 Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions ▶ <input type="checkbox"/>		

Part III Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 9 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Table with 7 columns: (a) 2010, (b) 2011, (c) 2012, (d) 2013, (e) 2014, (f) Total. Rows include: 1 Gifts, grants, contributions and membership fees received; 2 Gross receipts from admissions, merchandise sold or services performed; 3 Gross receipts from activities that are not an unrelated trade or business; 4 Tax revenues levied for the organization's benefit; 5 The value of services or facilities furnished by a governmental unit; 6 Total; 7a Amounts included on lines 1, 2, and 3 received from disqualified persons; 7b Amounts included on lines 2 and 3 received from other than disqualified persons; 8 Public support (Subtract line 7c from line 6).

Section B. Total Support

Table with 7 columns: (a) 2010, (b) 2011, (c) 2012, (d) 2013, (e) 2014, (f) Total. Rows include: 9 Amounts from line 6; 10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources; 10b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975; 10c Add lines 10a and 10b; 11 Net income from unrelated business activities not included in line 10b; 12 Other income; 13 Total support (Add lines 9, 10c, 11 and 12).

14 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here.

Section C. Computation of Public Support Percentage

Table with 2 columns: Line number, Percentage. Row 15: Public support percentage for 2014 (line 8, column (f) divided by line 13, column (f)). Row 16: Public support percentage from 2013 Schedule A, Part III, line 15.

Section D. Computation of Investment Income Percentage

Table with 2 columns: Line number, Percentage. Row 17: Investment income percentage for 2014 (line 10c, column (f) divided by line 13, column (f)). Row 18: Investment income percentage from 2013 Schedule A, Part III, line 17.

19a 33-1/3% support tests - 2014. If the organization did not check the box on line 14, and line 15 is more than 33-1/3%, and line 17 is not more than 33-1/3%, check this box and stop here. The organization qualifies as a publicly supported organization.

b 33-1/3% support tests - 2013. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33-1/3%, and line 18 is not more than 33-1/3%, check this box and stop here. The organization qualifies as a publicly supported organization.

20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions.

Part IV Supporting Organizations

(Complete only if you checked a box on line 11 of Part I. If you checked 11a of Part I, complete Sections A and B. If you checked 11b of Part I, complete Sections A and C. If you checked 11c of Part I, complete Sections A, D, and E. If you checked 11d of Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

	Yes	No
1 Are all of the organization's supported organizations listed by name in the organization's governing documents? If 'No,' describe in Part VI how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain		
2 Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If 'Yes,' explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2)		
3a Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If 'Yes,' answer (b) and (c) below		
b Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? If 'Yes,' describe in Part VI when and how the organization made the determination		
c Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If 'Yes,' explain in Part VI what controls the organization put in place to ensure such use		
4a Was any supported organization not organized in the United States ('foreign supported organization')? If 'Yes' and if you checked 11a or 11b in Part I, answer (b) and (c) below		
b Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? If 'Yes,' describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations		
c Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? If 'Yes,' explain in Part VI what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes		
5a Did the organization add, substitute, or remove any supported organizations during the tax year? If 'Yes,' answer (b) and (c) below (if applicable). Also, provide detail in Part VI , including (i) the names and EIN numbers of the supported organizations added, substituted, or removed, (ii) the reasons for each such action, (iii) the authority under the organization's organizing document authorizing such action, and (iv) how the action was accomplished (such as by amendment to the organizing document)		
b Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?		
c Substitutions only. Was the substitution the result of an event beyond the organization's control?		
6 Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (a) its supported organizations; (b) individuals that are part of the charitable class benefited by one or more of its supported organizations; or (c) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? If 'Yes,' provide detail in Part VI		
7 Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in IRC 4958(c)(3)(C)), a family member of a substantial contributor, or a 35-percent controlled entity with regard to a substantial contributor? If 'Yes,' complete Part I of Schedule L (Form 990)		
8 Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? If 'Yes,' complete Part I of Schedule L (Form 990).		
9a Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? If 'Yes,' provide detail in Part VI		
b Did one or more disqualified persons (as defined in line 9(a)) hold a controlling interest in any entity in which the supporting organization had an interest? If 'Yes,' provide detail in Part VI		
c Did a disqualified person (as defined in line 9(a)) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? If 'Yes,' provide detail in Part VI		
10a Was the organization subject to the excess business holdings rules of IRC 4943 because of IRC 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? If 'Yes,' answer (b) below		
b Did the organization, have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)		

Part IV Supporting Organizations (continued)

	Yes	No
11 Has the organization accepted a gift or contribution from any of the following persons?		
a A person who directly or indirectly controls, either alone or together with persons described in (b) and (c) below, the governing body of a supported organization?	11a	
b A family member of a person described in (a) above?	11b	
c A 35% controlled entity of a person described in (a) or (b) above? If 'Yes' to a, b, or c, provide detail in Part VI	11c	

Section B. Type I Supporting Organizations

	Yes	No
1 Did the directors, trustees, or membership of one or more supported organizations have the power to regularly appoint or elect at least a majority of the organization's directors or trustees at all times during the tax year? If 'No,' describe in Part VI how the supported organization(s) effectively operated, supervised, or controlled the organization's activities. If the organization had more than one supported organization, describe how the powers to appoint and/or remove directors or trustees were allocated among the supported organizations and what conditions or restrictions, if any, applied to such powers during the tax year	1	
2 Did the organization operate for the benefit of any supported organization other than the supported organization(s) that operated, supervised, or controlled the supporting organization? If 'Yes,' explain in Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised, or controlled the supporting organization	2	

Section C. Type II Supporting Organizations

	Yes	No
1 Were a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees of each of the organization's supported organization(s)? If 'No,' describe in Part VI how control or management of the supporting organization was vested in the same persons that controlled or managed the supported organization(s)	1	

Section D. All Type III Supporting Organizations

	Yes	No
1 Did the organization provide to each of its supported organizations, by the last day of the fifth month of the organization's tax year, (1) a written notice describing the type and amount of support provided during the prior tax year, (2) a copy of the Form 990 that was most recently filed as of the date of notification, and (3) copies of the organization's governing documents in effect on the date of notification, to the extent not previously provided?	1	
2 Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization(s) or (ii) serving on the governing body of a supported organization? If 'No,' explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s)	2	
3 By reason of the relationship described in (2), did the organization's supported organizations have a significant voice in the organization's investment policies and in directing the use of the organization's income or assets at all times during the tax year? If 'Yes,' describe in Part VI the role the organization's supported organizations played in this regard	3	

Section E. Type III Functionally-Integrated Supporting Organizations

- 1 Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (see instructions):
- a The organization satisfied the Activities Test. Complete line 2 below.
 - b The organization is the parent of each of its supported organizations. Complete line 3 below.
 - c The organization supported a governmental entity. Describe in Part VI how you supported a government entity (see instructions).

2 Activities Test. Answer (a) and (b) below.

	Yes	No
a Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? If 'Yes,' then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities	2a	
b Did the activities described in (a) constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? If 'Yes,' explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement	2b	
3 Parent of Supported Organizations. Answer (a) and (b) below.		
a Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? Provide details in Part VI	3a	
b Did the organization exercise a substantial degree of direction over the policies, programs, and activities of each of its supported organizations? If 'Yes,' describe in Part VI the role played by the organization in this regard	3b	

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations

1 Check here if the organization satisfied the Integral Part Test as a qualifying trust on November 20, 1970. See instructions. All other Type III non-functionally integrated supporting organizations must complete Sections A through E.

Section A – Adjusted Net Income		(A) Prior Year	(B) Current Year (optional)
1	Net short-term capital gain	1	
2	Recoveries of prior-year distributions	2	
3	Other gross income (see instructions).	3	
4	Add lines 1 through 3.	4	
5	Depreciation and depletion	5	
6	Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	6	
7	Other expenses (see instructions)	7	
8	Adjusted Net Income (subtract lines 5, 6 and 7 from line 4)	8	

Section B – Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)
1	Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year):		
a	Average monthly value of securities	1 a	
b	Average monthly cash balances	1 b	
c	Fair market value of other non-exempt-use assets	1 c	
d	Total (add lines 1a, 1b, and 1c).	1 d	
e	Discount claimed for blockage or other factors (explain in detail in Part VI):		
2	Acquisition indebtedness applicable to non-exempt-use assets	2	
3	Subtract line 2 from line 1d	3	
4	Cash deemed held for exempt use. Enter 1-1/2% of line 3 (for greater amount, see instructions)	4	
5	Net value of non-exempt-use assets (subtract line 4 from line 3)	5	
6	Multiply line 5 by .035.	6	
7	Recoveries of prior-year distributions	7	
8	Minimum Asset Amount (add line 7 to line 6)	8	

Section C – Distributable Amount			Current Year
1	Adjusted net income for prior year (from Section A, line 8, Column A)	1	
2	Enter 85% of line 1	2	
3	Minimum asset amount for prior year (from Section B, line 8, Column A)	3	
4	Enter greater of line 2 or line 3	4	
5	Income tax imposed in prior year	5	
6	Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)	6	
7	<input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally-integrated Type III supporting organization (see instructions).		

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Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations (continued)

Section D – Distributions	Current Year
1 Amounts paid to supported organizations to accomplish exempt purposes	
2 Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	
3 Administrative expenses paid to accomplish exempt purposes of supported organizations	
4 Amounts paid to acquire exempt-use assets	
5 Qualified set-aside amounts (prior IRS approval required).	
6 Other distributions (describe in Part VI). See instructions	
7 Total annual distributions. Add lines 1 through 6	
8 Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI). See instructions.	
9 Distributable amount for 2014 from Section C, line 6	
10 Line 8 amount divided by Line 9 amount	

Section E – Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2014	(iii) Distributable Amount for 2014
1 Distributable amount for 2014 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2014 (reasonable cause required – see instructions)			
3 Excess distributions carryover, if any, to 2014:			
a			
b			
c			
d			
e From 2013			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2014 distributable amount			
i Carryover from 2009 not applied (see instructions)			
j Remainder. Subtract lines 3g, 3h, and 3i from 3f			
4 Distributions for 2014 from Section D, line 7: \$			
a Applied to underdistributions of prior years			
b Applied to 2014 distributable amount			
c Remainder. Subtract lines 4a and 4b from 4			
5 Remaining underdistributions for years prior to 2014, if any. Subtract lines 3g and 4a from line 2 (if amount greater than zero, see instructions)			
6 Remaining underdistributions for 2014. Subtract lines 3h and 4b from line 1 (if amount greater than zero, see instructions)			
7 Excess distributions carryover to 2015. Add lines 3j and 4c			
8 Breakdown of line 7:			
a			
b			
c			
d Excess from 2013			
e Excess from 2014			

BAA

Part VI **Supplemental Information.** Provide the explanations required by Part II, line 10; Part II, line 17a or 17b; and Part III, line 12. Also complete this part for any additional information. (See instructions).

Other Addl Info The Organization received an unusual grant during 2014. Brad Kelly/ Rum Creek Ranch LLC gave \$100,000 as a one-time, 100% restricted grant to support field conservation efforts by the Bongo surveillance Program operated in Kenya by the Rhino Ark Charitable Trust. No funds retained by RSCF for overhead, indirect expenses, grant administration or operations.

Schedule B
(Form 990, 990-EZ,
or 990-PF)

Department of the Treasury
Internal Revenue Service

Schedule of Contributors

▶ Attach to Form 990, Form 990-EZ, or Form 990-PF

▶ Information about Schedule B (Form 990, 990-EZ, 990-PF) and its instructions is at www.irs.gov/form990.

OMB No. 1545-0047

2014

Name of the organization

Rare Species Conservatory Foundation

Employer identification number

65-0560456

Organization type (check one):

Filers of:

Form 990 or 990-EZ

Section:

501(c)(3) (enter number) organization

4947(a)(1) nonexempt charitable trust **not** treated as a private foundation

527 political organization

Form 990-PF

501(c)(3) exempt private foundation

4947(a)(1) nonexempt charitable trust treated as a private foundation

501(c)(3) taxable private foundation

Check if your organization is covered by the **General Rule** or a **Special Rule**

Note. Only a section 501(c)(7), (8), or (10) organization can check boxes for both the General Rule and a Special Rule. See instructions.

General Rule

For an organization filing Form 990, 990-EZ, or 990-PF that received, during the year, contributions totaling \$5,000 or more (in money or property) from any one contributor. Complete Parts I and II. See instructions for determining a contributor's total contributions.

Special Rules

For an organization described in section 501(c)(3) filing Form 990 or 990-EZ that met the 33-1/3% support test of the regulations under sections 509(a)(1) and 170(b)(1)(A)(vi), that checked Schedule A (Form 990 or 990-EZ), Part II, line 13, 16a, or 16b, and that received from any one contributor, during the year, total contributions of the greater of (1) \$5,000 or (2) 2% of the amount on (i) Form 990, Part VIII, line 1h, or (ii) Form 990-EZ, line 1. Complete Parts I and II.

For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, total contributions of more than \$1,000 *exclusively* for religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals. Complete Parts I, II, and III.

For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, contributions *exclusively* for religious, charitable, etc., purposes, but no such contributions totaled more than \$1,000. If this box is checked, enter here the total contributions that were received during the year for an *exclusively* religious, charitable, etc., purpose. Do not complete any of the parts unless the **General Rule** applies to this organization because it received *nonexclusively* religious, charitable, etc., contributions totaling \$5,000 or more during the year ▶ \$ _____

Caution: An organization that is not covered by the General Rule and/or the Special Rules does not file Schedule B (Form 990, 990-EZ, or 990-PF), but it **must** answer 'No' on Part IV, line 2, of its Form 990; or check the box on line H of its Form 990-EZ or on its Form 990-PF, Part I, line 2, to certify that it does not meet the filing requirements of Schedule B (Form 990, 990-EZ, or 990-PF).

BAA For Paperwork Reduction Act Notice, see the Instructions for Form 990, 990EZ, or 990-PF.

Schedule B (Form 990, 990-EZ, or 990-PF) (2014)

Name of organization

Employer identification number

Rare Species Conservatory Foundation

65-0560456

Part I Contributors (see instructions). Use duplicate copies of Part I if additional space is needed.

(a) Number	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
1	The Miami Foundation 200 South Biscayne Blvd, Suite 505 Miami FL 33131-5330	\$ 125,000	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
2	Brad Kelly 2200 Lapsley Lane Bowling Green KY 42103	\$ 100,000	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
3	Ms Tami Hoag 11812 San Vicente Blvd 4th Floor Los Angeles CA 90049	\$ 5,000	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
4	Hufty Foundation 982 S Patrick Circle West Palm Beach FL 33406	\$ 14,000	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
5	Morris Animal Foundation 10200 East Girard Avenue, Suite B430 Denver CO 80231	\$ 17,902	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
		\$	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)

SCHEDULE D (Form 990)

Department of the Treasury Internal Revenue Service

Supplemental Financial Statements

Complete if the organization answered 'Yes' to Form 990, Part IV, lines 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b. Attach to Form 990.

Information about Schedule D (Form 990) and its instructions is at www.irs.gov/form990.

OMB No. 1545-0047

2014

Open to Public Inspection

Name of the organization

Employer identification number

Rare Species Conservatory Foundation

65-0560456

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts.

Complete if the organization answered 'Yes' to Form 990, Part IV, line 6.

Table with 3 columns: Question number, (a) Donor advised funds, (b) Funds and other accounts. Includes questions 1-6 regarding donor advised funds.

Part II Conservation Easements.

Complete if the organization answered 'Yes' to Form 990, Part IV, line 7.

Form for Part II Conservation Easements, including questions 1-9 and a table for 'Held at the End of the Tax Year'.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets.

Complete if the organization answered 'Yes' to Form 990, Part IV, line 8.

Form for Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets, including questions 1a-2b.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets (continued)

3 Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply):

- a Public exhibition
- b Scholarly research
- c Preservation for future generations
- d Loan or exchange programs
- e Other _____

4 Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII.

5 During the year, did the organization solicit or receive donations of art, historical treasures, or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection? Yes No

Part IV Escrow and Custodial Arrangements. Complete if the organization answered 'Yes' to Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

1 a Is the organization an agent, trustee, custodian, or other intermediary for contributions or other assets not included on Form 990, Part X? Yes No

b If 'Yes,' explain the arrangement in Part XIII and complete the following table:

	Amount
c Beginning balance	1 c
d Additions during the year	1 d
e Distributions during the year	1 e
f Ending balance	1 f

2 a Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability? Yes No

b If 'Yes,' explain the arrangement in Part XIII. Check here if the explanation has been provided in Part XIII. Yes No

Part V Endowment Funds. Complete if the organization answered 'Yes' to Form 990, Part IV, line 10.

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1 a Beginning of year balance					
b Contributions					
c Net investment earnings, gains, and losses					
d Grants or scholarships					
e Other expenditures for facilities and programs					
f Administrative expenses					
g End of year balance					

2 Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:

- a Board designated or quasi-endowment %
 - b Permanent endowment %
 - c Temporarily restricted endowment %
- The percentages in lines 2a, 2b, and 2c should equal 100%.

3 a Are there endowment funds not in the possession of the organization that are held and administered for the organization by:

- (i) unrelated organizations Yes No
- (ii) related organizations Yes No

b If 'Yes' to 3a(ii), are the related organizations listed as required on Schedule R? Yes No

4 Describe in Part XIII the intended uses of the organization's endowment funds.

Part VI Land, Buildings, and Equipment.

Complete if the organization answered 'Yes' to Form 990, Part IV, line 11a. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1 a Land	905,208.			905,208.
b Buildings	15,000.		8,204.	6,796.
c Leasehold improvements				
d Equipment	68,853.		48,533.	20,320.
e Other	7,575.		7,575.	0.
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10c.)				932,324.

BAA

Part VII Investments – Other Securities.

Complete if the organization answered 'Yes' to Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely-held equity interests		
(3) Other _____		
(A) _____		
(B) _____		
(C) _____		
(D) _____		
(E) _____		
(F) _____		
(G) _____		
(H) _____		
(I) _____		
Total. (Column (b) must equal Form 990, Part X, column (B) line 12.) . . . ▶		

Part VIII Investments – Program Related.

Complete if the organization answered 'Yes' to Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

(a) Description of investment type	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) _____		
(2) _____		
(3) _____		
(4) _____		
(5) _____		
(6) _____		
(7) _____		
(8) _____		
(9) _____		
(10) _____		
Total. (Column (b) must equal Form 990, Part X, column (B) line 13.) . . . ▶		

Part IX Other Assets.

Complete if the organization answered 'Yes' to Form 990, Part IV, line 11d. See Form 990, Part X, line 15.

(a) Description	(b) Book value
(1) _____	
(2) _____	
(3) _____	
(4) _____	
(5) _____	
(6) _____	
(7) _____	
(8) _____	
(9) _____	
(10) _____	
Total. (Column (b) must equal Form 990, Part X, column (B), line 15.) ▶	

Part X Other Liabilities.

Complete if the organization answered 'Yes' to Form 990, Part IV, line 11e or 11f. See Form 990, Part X, line 25

(a) Description of liability	(b) Book value
(1) Federal income taxes	
(2) _____	
(3) _____	
(4) _____	
(5) _____	
(6) _____	
(7) _____	
(8) _____	
(9) _____	
(10) _____	
(11) _____	
Total. (Column (b) must equal Form 990, Part X, column (B) line 25.) . . . ▶	

2. Liability for uncertain tax positions. In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740). Check here if the text of the footnote has been provided in Part XIII.

Part XI Reconciliation of Revenue per Audited Financial Statements With Revenue per Return.

Complete if the organization answered 'Yes' to Form 990, Part IV, line 12a.

1	Total revenue, gains, and other support per audited financial statements		1
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12:		
	a Net unrealized gains (losses) on investments	2 a	
	b Donated services and use of facilities	2 b	
	c Recoveries of prior year grants	2 c	
	d Other (Describe in Part XIII.)	2 d	
	e Add lines 2a through 2d		2 e
3	Subtract line 2e from line 1		3
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1:		
	a Investment expenses not included on Form 990, Part VIII, line 7b	4 a	
	b Other (Describe in Part XIII.)	4 b	
	c Add lines 4a and 4b		4 c
5	Total revenue. Add lines 3 and 4c. (This must equal Form 990, Part I, line 12.)		5

Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return.

Complete if the organization answered 'Yes' to Form 990, Part IV, line 12a.

1	Total expenses and losses per audited financial statements		1
2	Amounts included on line 1 but not on Form 990, Part IX, line 25:		
	a Donated services and use of facilities	2 a	
	b Prior year adjustments	2 b	
	c Other losses	2 c	
	d Other (Describe in Part XIII.)	2 d	
	e Add lines 2a through 2d		2 e
3	Subtract line 2e from line 1		3
4	Amounts included on Form 990, Part IX, line 25, but not on line 1:		
	a Investment expenses not included on Form 990, Part VIII, line 7b	4 a	
	b Other (Describe in Part XIII.)	4 b	
	c Add lines 4a and 4b		4 c
5	Total expenses. Add lines 3 and 4c. (This must equal Form 990, Part I, line 18.)		5

Part XIII Supplemental Information.

Provide the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; Part IV, lines 1b and 2b; Part V, line 4; Part X, line 2; Part XI, lines 2d and 4b; and Part XII, lines 2d and 4b. Also complete this part to provide any additional information.

Schedule F
(Form 990)

Statement of Activities Outside the United States

OMB No. 1545-0047

▶ Complete if the organization answered 'Yes' on Form 990, Part IV, line 14b, 15, or 16.
 ▶ Attach to Form 990.
 ▶ Information about Schedule F (Form 990) and its instructions is at www.irs.gov/form990.

2014

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

Name of the organization

Employer identification number

Rare Species Conservatory Foundation

65-0560456

Part I General Information on Activities Outside the United States. Complete if the organization answered 'Yes' on Form 990, Part IV, line 14b.

- 1 For grantmakers. Does the organization maintain records to substantiate the amount of its grants and other assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
- 2 For grantmakers. Describe in Part V the organization's procedures for monitoring the use of its grants and other assistance outside the United States.
- 3 Activities per Region. (The following Part I, line 3 table can be duplicated if additional space is needed.)

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in region	(d) Activities conducted in region (by type) (e.g., fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for and investments in region
(1) Central America	0	0	Program Service	See Schedule F - Part V	8,453.
(2) Sub-Saharan Africa	0	0	Program Service	See Schedule F- Part V	42,278.
(3) South America	0	0	Program Service	see Schedule F - Part V	3,000.
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					
(11)					
(12)					
(13)					
(14)					
(15)					
(16)					
(17)					
3 a Sub-total	0	0			53,731.
b Total from continuation sheets to Part I					
c Totals (add lines 3a and 3b)	0	0			53,731.

Part II Grants and Other Assistance to Organizations or Entities Outside the United States. Complete if the organization answered 'Yes' on Form 990, Part IV, line 15, for any recipient who received more than \$5,000. Part II can be duplicated if additional space is needed.

1	(a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
(1)			Sub-Saharan Africa	Wildlife Research	31,000.	Wire Transfer/Check			
(2)			Central America	Wildlife Cons	8,453.	Wire/Check			
(3)									
(4)									
(5)									
(6)									
(7)									
(8)									
(9)									
(10)									
(11)									
(12)									
(13)									
(14)									
(15)									
(16)									

2 Enter total number of recipient organizations listed above that are recognized as charities by the foreign country, recognized as tax-exempt by the IRS, or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter 2

3 Enter total number of other organizations or entities. 1

Part III Grants and Other Assistance to Individuals Outside the United States. Complete if the organization answered 'Yes' on Form 990, Part IV, line 16. Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
(1)							
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							
(11)							
(12)							
(13)							
(14)							
(15)							
(16)							
(17)							
(18)							

Part IV Foreign Forms

- 1 Was the organization a U.S. transferor of property to a foreign corporation during the tax year? *If 'Yes,' the organization may be required to file Form 926, Return by a U.S. Transferor of Property to a Foreign Corporation (see Instructions for Form 926).* Yes No
- 2 Did the organization have an interest in a foreign trust during the tax year? *If 'Yes,' the organization may be required to file Form 3520, Annual Return To Report Transactions with Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A Annual Information Return of Foreign Trust With a U.S. Owner (see Instructions for Forms 3520 and 3520-A; do not file with Form 990).* Yes No
- 3 Did the organization have an ownership interest in a foreign corporation during the tax year? *If 'Yes,' the organization may be required to file Form 5471, Information Return of U.S. Persons With Respect To Certain Foreign Corporations (see Instructions for Form 5471).* Yes No
- 4 Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If 'Yes,' the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund (see Instructions for Form 8621).* Yes No
- 5 Did the organization have an ownership interest in a foreign partnership during the tax year? *If 'Yes,' the organization may be required to file Form 8865, Return of U.S. Persons With Respect To Certain Foreign Partnerships (see Instructions for Form 8865).* Yes No
- 6 Did the organization have any operations in or related to any boycotting countries during the tax year? *If 'Yes,' the organization may be required to file Form 5713, International Boycott Report (see Instructions for Form 5713; do not file with Form 990).* Yes No

Part V Supplemental Information

Provide the information required by Part I, line 2 (monitoring of funds); Part I, line 3, column (f) (accounting method; amounts of investments vs expenditures per region); Part II, line 1 (accounting method); Part III (accounting method); and Part III, column (c) (estimated number of recipients), as applicable. Also complete this part to provide any additional information (see instructions).

Pt I Line 2 Grant Monitoring: All grants are required to have a detailed budget, expense tracking along with interim and follow-up reports, in addition to reporting requirements by the original granting agency.

2014 990 Misc. responses:

Schedule F, Parts I and II

Central America/Caribbean (\$8453 total):

Dominica: Expended **\$4453** (direct expenses by Reillo via credit card, cash and checks) in field running/travel costs, personnel support, supplies for the Parrot Conservation and Research Centre and equipment to conduct wildlife conservation, research and recovery programs in-country and collaboratively with Dominica's Forestry, Wildlife and Parks Division, Ministry of Agriculture and the Environment. Notably, RSCF purchased and delivered an isoflurane anesthesia machine for the Parrot Conservation and Research Centre, located at the Government Aviary and Botanical Gardens in Roseau. RSCF also sponsored travel, support and training costs associated with a two-week externship in avian medicine and husbandry for delegates from the Forestry, Wildlife and Parks Division and Veterinary Service. The externship was conducted at RSCF and in collaboration with the Rainforest Clinic for Birds and Exotics in Loxahatchee, FL.

Grant support comprised:

- (1) **\$4000** (wire transfers) to Dominica's Forestry, Wildlife and Parks Division for: (1) implementation of the 2014 Caribbean Endemic Birds Festival (an annual, community-based outreach program to educate children and the general public about avian conservation, ecology, and natural resource protection); (2) to conduct Imperial parrot surveys under a grant agreement with the Loro Parque Fundacion; and (3) for aviary, research equipment and general field-support operations during 2014.

South America (\$3000 total)

Brazil: \$3000 grant (via wire transfer) to Brazilian NGO Fundação Neotrópica do Brasil to support a survey of wild, endangered Red-browed Amazon parrots (*Amazona rhodocorytha*) in the Brazilian state of Minas Gerais. Study is entitled: "Distribution, Ecology and Conservation Status of the Red-browed Parrot *Amazona rhodocorytha* in the State of Minas Gerais, Brazil."

Sub-Saharan Africa (\$42,278 total)

Kenya: \$31,000 grant (via wire transfer) to Rhino Ark Charitable Trust for field operations, wildlife protection and surveillance and community outreach under the Bongo Surveillance Programme (BSP). This program coordinates bongo antelope population management, field monitoring, community education and awareness, wildlife clubs, antelope surveillance, population surveys, and data/sample collection. All field bongo research is coordinated between the Bongo Surveillance Programme, Rhino Ark Charitable Trust and the Kenya Wildlife Service.

South Africa: \$10,593 dispersed by check directly to RSCF Research Associate Dr. Michele Miller for research expenses related to lion tuberculosis in South Africa on behalf of Morris Animal Foundation grant. \$685.12 dispersed by check to Dr. Michele Miller on behalf of American Association of Zoo Veterinarians Research grant for conservation research on rhinoceros diseases in South Africa. Dr. Miller's research program was conducted in collaboration with South African National Parks (South Africa), Stellenbosch University (South Africa), Department of Agriculture, Forests, and Fisheries/DAFF (South Africa), and Colorado State University (USA).

SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Name of the organization

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on
Form 990 or 990-EZ or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

▶ Information about Schedule O (Form 990 or 990-EZ) and its instructions is
at www.irs.gov/form990.

OMB No. 1545-0047

2014

**Open to Public
Inspection**

Employer identification number

Rare Species Conservatory Foundation

65-0560456

A copy of the 990 is provided to the Directors before filing. The 990 with backup is prepared with and reviewed by a tax accounting professional and sent back to RSCF for corrections. After all corrections are made and the return is reviewed by the accountant, a clean copy is prepared for signing and PDF format, and distributed to the directors for approval. The final copy is signed, updated to PDF for redistribution to the directors, and filed with the IRS.

Pt VI, Line 11b

Pt VI, Line 12c

Pt VI, Line 19

Conflict of Interest Policy: See schedule O - Attachment

Whistleblower Protection Policy: See Schedule O - Attachment

Schedule O:

Part VI Line 12c:

Conflict of Interest Policy. RSCF Directors are requested to disclose any conflict of interest annually. Any and all potential conflicts must be disclosed via signed letter monitored by each program's director and/or RSCF's President. Such disclosure, by notice in writing, shall be made by any and all interested parties to RSCF's full Board of Directors in all conflicts of interest including, but not limited to, the following:

- A board member's relationship to other members
- If a board member or his/her organization or financial interest stands to benefit from any RSCF transaction
- A board member's organization and/or financial interest receives RSCF grant funds
- A board member or staff member is part of the governing body of any contributor to the RSCF
- A board member in any way influences, or attempts to influence, any contributor to the RSCF

Part VI, Line 19:

Whistleblower Protection Policy, Rare Species Conservatory Foundation, Inc. (RSCF):

A. Application. This Whistleblower Protection Policy applies to all of the RSCF's staff, whether full-time, part-time, or temporary employees, to all volunteers, to all who provide contract services, and to all officers and directors, each of whom shall be entitled to protection.

B. Reporting Credible Information. A protected person shall be encouraged to report information relating to illegal practices or violations of policies of RSCF (a "Violation") that such person in good faith has reasonable cause to believe is credible. Information shall be reported to RSCF's President (As Compliance Officer), unless the report relates to the President, in which case the report shall be made to any officer or director of RSCF's Board of Directors, or RSCF's Curator, whom shall be responsible to provide an alternative procedure. Anyone reporting a Violation must act in good faith, and have reasonable grounds for believing that the information shared in the report indicates that a Violation has occurred.

C. Investigating Information. The Compliance Officer shall promptly investigate each such report and prepare a written report to the Board of Directors. In connection with such investigation all persons entitled to protection shall provide the Compliance Officer with credible information. All actions of the Compliance Officer in receiving and investigating the report and additional information shall endeavor to protect the confidentiality of all persons entitled to protection.

D. Confidentiality. RSCF encourages anyone reporting a Violation to identify himself or herself when making a report in order to facilitate the investigation of the Violation. However, reports may be submitted anonymously by filing a written complaint by e-mail (info@rarespecies.org) or regular mail, addressed to the RSCF Board of Directors or President. Reports of Violations or suspected Violations will be kept confidential to the extent possible, with the understanding that confidentiality may not be

maintained where identification is required by law or in order to enable RSCF or law enforcement to conduct an adequate investigation.

E. Protection from Retaliation. No person entitled to protection shall be subjected to retaliation, intimidation, harassment, or other adverse action for reporting information in accordance with this Policy. Any person entitled to protection who believes that he or she is the subject of any form of retaliation for such participation should immediately report the same as a violation of and in accordance with this Policy. Any individual within the Organization who retaliates against another individual who has reported a Violation in good faith or who, in good faith, has cooperated in the investigation of a Violation is subject to discipline, including termination of employment or volunteer status.

F. Dissemination and Implementation of Policy. This Policy shall be available and disseminated in writing to all affected constituencies. RSCF shall adopt procedures for implementation of this Policy, which may include, but are not limited to, the following:

- (1) documenting reported Violations;
- (2) working with legal counsel to decide whether the reported Violation requires review by the Compliance Officer or should be directed to another person or department;
- (3) keeping RSCF's board of directors informed of the progress of the investigation;
- (4) interviewing employees;
- (5) requesting and reviewing relevant documents, and/or requesting that an auditor or counsel investigate the complaint; and
- (6) preparing a written record of the reported violation and its disposition, to be retained for a specified period of time.

The procedures for implementation of this Policy shall include a process for communicating with a complainant about the status of the complaint, to the extent that the complainant's identity is disclosed, and to the extent consistent with any privacy or confidentiality limitations.

Depreciation and Amortization (Including Information on Listed Property)

2014

Department of the Treasury Internal Revenue Service

(99) Information about Form 4562 and its separate instructions is at www.irs.gov/form4562.

Attachment Sequence No. 179

Name(s) shown on return

Rare Species Conservatory Foundation

Identifying number

65-0560456

Business or activity to which this form relates

Form 990 / Form 990EZ

Part I Election To Expense Certain Property Under Section 179

Note: If you have any listed property, complete Part V before you complete Part I.

Table with 13 rows for Section 179 election. Columns include description, cost, and elected cost. Total elected cost is 9,415.

Note: Do not use Part II or Part III below for listed property. Instead, use Part V.

Part II Special Depreciation Allowance and Other Depreciation (Do not include listed property.)

Table with 3 rows for Special Depreciation Allowance and Other Depreciation. Total depreciation is 9,415.

Part III MACRS Depreciation (Do not include listed property.)

Section A

Table with 2 rows for Section A. Line 17 shows MACRS deductions of 9,415.

Section B - Assets Placed in Service During 2014 Tax Year Using the General Depreciation System

Table with 7 columns: Classification, Month and year placed in service, Basis for depreciation, Recovery period, Convention, Method, Depreciation deduction.

Section C - Assets Placed in Service During 2014 Tax Year Using the Alternative Depreciation System

Table with 6 columns: Class life, Month and year placed in service, Recovery period, Convention, Method, Depreciation deduction.

Part IV Summary (See instructions.)

Table with 3 rows for Summary. Line 22 shows total depreciation of 9,415.

Part V Listed Property (Include automobiles, certain other vehicles, certain aircraft, certain computers, and property used for entertainment, recreation, or amusement.)

Note: For any vehicle for which you are using the standard mileage rate or deducting lease expense, complete only 24a, 24b, columns (a) through (c) of Section A, all of Section B, and Section C if applicable.

Section A – Depreciation and Other Information (Caution: See the instructions for limits for passenger automobiles.)

24 a Do you have evidence to support the business/investment use claimed? Yes No 24b If 'Yes,' is the evidence written? . . . Yes No

(a) Type of property (list vehicles first)	(b) Date placed in service	(c) Business/ investment use percentage	(d) Cost or other basis	(e) Basis for depreciation (business/investment use only)	(f) Recovery period	(g) Method/ Convention	(h) Depreciation deduction	(i) Elected section 179 cost
25 Special depreciation allowance for qualified listed property placed in service during the tax year and used more than 50% in a qualified business use (see instructions)								25
26 Property used more than 50% in a qualified business use:								
27 Property used 50% or less in a qualified business use:								
28 Add amounts in column (h), lines 25 through 27. Enter here and on line 21, page 1								28
29 Add amounts in column (i), line 26. Enter here and on line 7, page 1								29

Section B – Information on Use of Vehicles

Complete this section for vehicles used by a sole proprietor, partner, or other 'more than 5% owner,' or related person. If you provided vehicles to your employees, first answer the questions in Section C to see if you meet an exception to completing this section for those vehicles.

	(a) Vehicle 1		(b) Vehicle 2		(c) Vehicle 3		(d) Vehicle 4		(e) Vehicle 5		(f) Vehicle 6	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
30 Total business/investment miles driven during the year (do not include commuting miles)												
31 Total commuting miles driven during the year												
32 Total other personal (noncommuting) miles driven												
33 Total miles driven during the year. Add lines 30 through 32												
34 Was the vehicle available for personal use during off-duty hours?												
35 Was the vehicle used primarily by a more than 5% owner or related person?												
36 Is another vehicle available for personal use?												

Section C – Questions for Employers Who Provide Vehicles for Use by Their Employees

Answer these questions to determine if you meet an exception to completing Section B for vehicles used by employees who are not more than 5% owners or related persons (see instructions).

	Yes	No
37 Do you maintain a written policy statement that prohibits all personal use of vehicles, including commuting, by your employees?		
38 Do you maintain a written policy statement that prohibits personal use of vehicles, except commuting, by your employees? See the instructions for vehicles used by corporate officers, directors, or 1% or more owners		
39 Do you treat all use of vehicles by employees as personal use?		
40 Do you provide more than five vehicles to your employees, obtain information from your employees about the use of the vehicles, and retain the information received?		
41 Do you meet the requirements concerning qualified automobile demonstration use? (See instructions.)		

Note: If your answer to 37, 38, 39, 40, or 41 is 'Yes,' do not complete Section B for the covered vehicles.

Part VI Amortization

(a) Description of costs	(b) Date amortization begins	(c) Amortizable amount	(d) Code section	(e) Amortization period or percentage	(f) Amortization for this year
42 Amortization of costs that begins during your 2014 tax year (see instructions):					
43 Amortization of costs that began before your 2014 tax year					
44 Total. Add amounts in column (f). See the instructions for where to report					44

Schedule O (Form 990 or 990-EZ), Supplemental Information to Form 990 or 990-EZ
Form 990, Page 10, Line 24e All Other Expenses (continued)

Description	(A) Total	(B) Program services	(C) Management and general	(D) Fundraising
Equipment	7,639.	7,639.	0.	0.
Postage and printing	206.	206.	0.	0.
Veterinary services	704.	704.	0.	0.
License	240.	240.	0.	0.
Dues and Subscription	120.	120.	0.	0.
Real estate taxes	4,260.	4,260.	0.	0.
Other Conservation Program support	15,731.	15,731.	0.	0.
Annual Filing Fee	61.	0.	61.	0.

RARE SPECIES CONSERVATORY FOUNDATION, INC.

EIN: 65-0560456

FORM: 990

TAX YEAR: 2014

PART III: STATEMENT OF PROGRAM SERVICE ACCOMPLISHMENTS

Mission and Scope: RSCF is a 501(c)(3), non-profit organization dedicated to preserving biodiversity through hands-on conservation programs rooted in sound science. RSCF employs the “flagship species” concept to identify and conserve high profile, priority species in order to leverage protection for the ecosystems they represent. Flagship species breeding and conservation efforts, along with field-based research, habitat protection and local capacity building, are directed toward long-term, regional-scale biodiversity preservation. RSCF designs sustainable recovery, reintroduction and protection programs for endangered species in the wild, and works collaboratively with governments and other conservation/research organizations to restore target species and protect critical habitats. RSCF also provides consulting and technical services to conservation teams, and forms educational, political and economic partnerships to expedite specific habitat and species conservation projects.

Please also see detailed descriptions of program activities at www.rarespecies.org.

I. 2014 Breeding and research activities

The Red-browed Amazon parrot: The endangered Amazon parrot *Amazona rhodocorytha* is a top priority for long-term captive breeding and management, from which a sustainable, *in situ* recovery effort is evolving. RSCF holds the only known breeding group in North America. The captive effort serves as a program platform to facilitate global management of the species and *in situ* conservation investment in Brazil. The Red-brow is a parrot of highest conservation priority, as identified in the 2000-2001 Status Survey and Conservation Action Plan for Parrots, published in 2000 by the IUCN (World Conservation Union) in coordination with the World Parrot Trust. In conjunction with IBAMA/ICMBIO (the Brazilian government wildlife authority), RSCF and partnering NGO’s (Zoo Curitiba, Ideia Ambiental, Associação de Pesquisa e Conservação da Vida Silvestre, Fundação Neotrópica do Brasil) seek to assess the distribution, ecology and status of the species throughout its range, repatriate confiscated *in situ* and captive-bred *ex situ* Red-brows, and transfer title for all *ex situ* Red-brows to the Brazilian government in recognition of Brazil’s governing authority and progressive conservation and law enforcement efforts. RSCF aims to return a core population of Red-brows to Brazil as necessary to complement an existing breeding-and-rehabilitation program. During 2014, RSCF Director Reillo continued to coordinate program elements with Pedro Scherer Neto, point person for the Red-brow effort in Curitiba, Brazil. Program development during 2014 included completion of new on-exhibit and off-exhibit aviaries at Tampa’s Lowry Park Zoo and the transfer of 18 Red-brows to the Zoo. The Zoo is engaging in a progressive collaboration with RSCF on behalf of Red-brows, helping manage the North American population, promoting conservation education and outreach, and assisting with *in situ* program development. In 2014, this partnership sponsored a grant to Fundação Neotrópica do Brasil entitled, “Distribution, Ecology and Conservation Status of the Red-browed Parrot *Amazona rhodocorytha* in the State of Minas Gerais, Brazil (see *Conservation and Research Program Field Projects, below*).” In addition, a modest grant from The Batchelor Foundation enabled RSCF to compile an historical, video mini-documentary of the Red-brow recovery effort, to be released mid-2015 (Black Door Films, Inc.). Ultimately, the RSCF-TLPZ-Brazil collaboration will coordinate husbandry and captive-breeding methods, prepare field recovery strategies, and implement international governmental regulations to thwart trade in the species and reinforce species-level authority and sovereignty by the Brazilian government. During 2014, RSCF artificially incubated and hand-reared seven Red-brows from four unrelated breeding pairs.

The Vinaceous Amazon parrot: In 2014 RSCF continued to help coordinate long-term captive management of *Amazona vinacea* with helper aviaries, as it also completed phasing out the species at the Conservatory. RSCF’s conservation agenda for the species includes recruiting additional institutional support for long-term species

recovery, especially investment for *in situ* efforts. Recovery and conservation efforts for *A. vinacea* run parallel to those for *A. rhodocorytha* (above) and engage the same governmental and NGO participants.

The white-bellied Caique parrot: RSCF's 2014 on-site population of *Pionites leucogaster xanthomeria* totaled six breeding pairs. In 1999, RSCF concluded the longest running (10 years) and most successful breeding and research program on the white-bellied caique parrot. After compiling five years of reproductive and genetic data from a founder breeding population into a husbandry manual and population management system, RSCF developed the breeding protocol for this species, which is now used in aviculture worldwide. In 2000, RSCF's focus turned to placing the remaining genetically important stock with zoological institutions in the U.S. and the Graeme Hall Nature Sanctuary in Barbados (birds delivered in early 2001), and continuing to support the genetic and husbandry database. During 2001, RSCF completed the reduction of the Conservatory's white-belly inventory, with the remaining birds to be maintained indefinitely at the Loxahatchee facility. Since early 2002, *Pionites* will only be reproduced by special request from wildlife parks, accredited aviaries, or avicultural centers.

The East African Bongo: One of the most spectacular mammals bred at the Conservatory is the Mountain (or East African) Bongo, a large antelope facing extinction in the wild. The vegetation and climate at the Conservatory have proven ideal for propagating and researching this shy, forest-dwelling bovid. In 2003, RSCF commenced an inter-institutional project with the U.N. Foundation and U.N. Development Programme to establish an *in situ* breeding program for bongo in Kenya at the Mt. Kenya Wildlife Conservancy. Entitled ***Repatriation of Mountain Bongo Antelope to Mt. Kenya World Heritage Site***, this initiative represents the successful completion of the first of several conservation steps needed to reestablish a self-sustaining, wild population of bongo on Mt. Kenya and in the Aberdares and surrounding ecosystems, and stimulate a broad base of conservation program support for the Mt. Kenya World Heritage Site and Aberdares National Park and Conservation Area—both global-priority biodiversity areas.

RSCF coordinated the project as an NGO contractor to UNDP, was consignor for the bongo export (receiving legal title to all animals donated to the project and repatriated to Kenya), and also donated four bongo from the RSCF population to the effort. In 2009, RSCF Research Associate Lyndon Estes completed his Ph.D. at the University of Virginia, focusing on the ecology and habitat utilization of wild bongo in the Aberdares. This research complements other recovery efforts, both *ex situ* and *in situ*, by helping to identify appropriate habitat for sustainable reintroduction, train local guides and researchers, and bolster monitoring and protection of the remaining wild bongo population. Along with the United Nations Development Programme (Small Grants Programme) and partnering NGO's, RSCF helps sponsor the Aberdares bongo surveillance effort (BSP—Bongo Surveillance Programme, www.mountainbongo.org), coordinated with the local NGO Rhino Ark (www.rhinoark.org). On the *in situ* captive front, RSCF has provided technical and veterinary services to the Mt. Kenya Wildlife Conservancy and helped sponsor general husbandry and animal care for the repatriated bongo group. During 2007, RSCF completed formal collaborations with Dr. Michael Bruford, University of Cardiff, Wales, to genetically assess the wild Aberdares and Mt. Kenya populations via mtDNA and microsatellite analyses of field-collected dung samples. This program confirmed species identities and haplotype variation in wild populations, as it also trained a Kenyan graduate student in molecular genetics laboratory methodology. Co-sponsored by Rhino Ark, this trained technician has brought state-of-the-art molecular laboratory techniques and expertise back to Kenya. In addition to corroborating field teams' detection of bongo presence in the field, the analyses produced a microsatellite protocol (using bovid markers) for discriminating individual bongo genotypes from bongo dung. During 2007 RSCF donated an ELISA fluorimeter to Analabs, Ltd. (Nairobi) to assist in the isolation and identification of bovine infectious diseases that impact both wild and agricultural bovine populations. Early detection and intervention is critical to thwart periodic outbreaks of *Theileriosis*, rinderpest, hoof-and-mouth disease, and other viral and parasite-borne infections that cross between domestic and wild bovinds.

A detailed summary of research findings and management recommendations can be found at www.rarespecies.org in the document entitled "Mountain Bongo Research Summary", compiled by former Research Associate Lyndon Estes. Current program expansion includes enhancing surveillance capacity for the BSP, providing direct support for the Bongo Program Coordinator and field staff within Rhino Ark, ongoing surveillance, monitoring and population

assessment throughout the bongo's range, and continuing a comprehensive genetic assessment of all living bongo (captive and wild) using micro-satellite DNA analysis (with RSCF trustee Dr. George Amato, Director of Conservation Genomics, American Museum of Natural History—see *Other African Wildlife Initiatives*, below). Program partners, including the Center for Conservation of Tropical Ungulates (CCTU), White Oak Conservation Center and European EEP institutions, have pledged direct and in-kind support for capacity building, field logistics, and tangible conservation implementation in the Aberdares and on Mt. Kenya. During 2014, RSCF transferred \$31,000 (funded by CCTU) to the Rhino Ark Charitable Trust for ongoing BSP surveillance, protection and research activities in the field. During 2014, Reillo and the Rhino Ark team commenced planning for bongo translocations from the Mt. Kenya Wildlife Conservancy to Mt. Eburu, which has been entirely fenced. In addition, plans are now underway for a second repatriation from Florida, pending assessment of animals at MKWC, translocation success and the results of ongoing disease assessments in the *in situ*, managed bongo population.

Florida Bongo Ranching Program: During 2014, RSCF consolidated the Florida-based bongo management consortium to three key facilities, RSCF, the Micanopy Zoological Preserve and CCTU, to help maintain a healthy *ex situ* bongo population and provide animals for repatriation and reintroduction in Kenya as necessary. RSCF developed the ranching initiative upon request by the Rhino Ark Charitable Trust and Bongo Surveillance Programme (working collaboratively with the Kenya Wildlife Service), which anticipate multiple *in situ* bongo management centers over the coming years. The ranches coordinate long-term breeding, management and surplus with RSCF and the International Studbook and contribute to *in situ* conservation via philanthropic support.

Other in-house projects: During 2014, RSCF began phasing out management efforts for Hawk-headed parrots (*Derophtus accipitrinus accipitrinus* and *D. a. fuscifrons*), primarily due to aging animals and the death, from old age, of the last-known, male Brazilian hawk-head in North America. RSCF continues to maintain a small group of the nominate race of hawk-heads, along with Golden conures (*Guaruba guarouba*), Pygmy marmosets (*Cebuella pygmaea*), Golden Lion Tamarins (*Leontopithecus rosalia*) and Golden-headed Lion Tamarins (*Leontopithecus chrysomelas*). RSCF participates in AZA (American Zoo and Aquarium Association)-sanctioned Species Survival Plans, Population Management Plans and studbooks for all housed species, and voluntarily maintains its animal database with ISIS, the International Species Information System. During 2014, pygmy marmoset breeding was again expanded to help recover the dwindling North American captive population, although the demographics of the population continue to pose significant, long-term challenges to recovery. RSCF has established 13 family groups, and during 2014 successful reproduction was achieved in four families. RSCF's commitment to Golden-headed Lion Tamarins (*Leontopithecus chrysomelas*) is expanding and the Conservatory will hold three pairs by early 2015.

Tropical Conservation Institute at Florida International University (FIU): RSCF and FIU formally teamed during 2014 to launch a broad interdisciplinary and international conservation platform named the Tropical Conservation Institute (TCI) under FIU's School of Environment, Arts and Society. A collaboration agreement between FIU and RSCF (executed in 2014), which establishes how TCI will be coordinated and run, links both organizations to a \$5M challenge grant agreement between The Batchelor Foundation and FIU, which will help establish initial TCI operating capital and leverage all incoming, new program revenues over the next five years. After serving as Senior Research Fellow to FIU during the development phase of TCI, Reillo was appointed TCI co-director with Mike Maunder, Ph.D., Associate Dean for Research Engagement at FIU School of Environment, Arts and Society.

A full prospectus for the Institute, including budget and program priorities, is available upon request.

Overview—FIU Tropical Conservation Institute, School of Environment, Arts and Society

Building upon its history of excellence in conservation education and research, FIU has established the Tropical Conservation Institute (TCI). In partnership with the Rare Species Conservatory Foundation (RSCF), the School of Environment, Arts and Society (SEAS) in the College of Arts & Sciences will stop extinctions by empowering FIU graduates and conservation practitioners to protect ecosystems and species in the tropics and sub-tropics. TCI will leverage SEAS' broad portfolio of research, education, and outreach programs focused on tropical and sub-tropical

ecosystems. FIU's geographic expertise in conservation extends from South Florida to the Caribbean, Central and South America, Africa, the Pacific and Asia. These regions comprise the top global biodiversity hotspots - areas of exceptional species richness facing extraordinary threats. TCI will build upon the years of innovative and successful conservation methods and programs developed by RSCF and combine them with FIU programs to position TCI on the leading edge of tropical conservation action, education, research and outreach. The scope of the partnership will position TCI to be truly transformative on a global level.

The Need

Biodiversity, an essential foundation for a sustainable future, is being lost at an accelerating rate. We must act swiftly and decisively to protect biodiversity, and develop solutions to preserve critical species and their ecosystems while ensuring that human communities prosper. Nature's plight demands new approaches to conservation, in particular those that focus on species survival and ecosystem protection. Innovation is key for implementing real-time conservation action and training the next generation of conservation professionals here and abroad. A novel academic platform is needed to deliver effective conservation education, training and on-the-ground programs — linking universities, practitioners and institutions dedicated to conservation.

The Vision

The FIU Tropical Conservation Institute will address the critical issues driving wildlife to extinction and the decline in ecosystems, including habitat loss, wildlife trade, climate change, competition over water and land resources and disruptions to coastal marine ecology, in effect, developing tools to prevent the extinction of tropical species. Our global collaborators in academic institutions, NGOs, governments, and the private sector have long recognized FIU's leadership and international influence in the field of tropical conservation. FIU's degree programs in Biological Sciences and Earth and Environment have trained thousands of students for careers in environmental conservation around the globe.

As the primary partner, the RSCF, offers decades of experience solving critical conservation problems and a network of collaborating organizations in biodiversity hotspots. RSCF designs sustainable recovery programs for endangered flagship species in the wild, and works in collaboration with governments and other conservation/research organizations to protect critical habitats. RSCF also provides consulting and technical services to conservation teams, and forms educational, political and economic partnerships to expedite conservation projects. Initially, the FIU Tropical Conservation Institute will work with some of the world's most threatened species in three bio-geographical areas — Latin America and the Caribbean (including South Florida), East Africa and the tropical Pacific.

The FIU Tropical Conservation Institute will save species by establishing:

- Partnerships and collaborations to deliver transformative conservation programs.
- A network of Conservation Fellows — extraordinary scientists who will enhance research opportunities, provide field training for students, and deliver innovative courses for undergraduate and graduate students.
- Enhanced student and faculty professional opportunities, offering access to specialized conservation facilities in South Florida and around the world.
- FIU as an international leader in applied conservation training for local and international students. New professional master's programs will attract conservation practitioners and decision makers from around the world.
- New collaborations between science and the humanities to increase public understanding of biodiversity loss

Feral parrot monitoring: During 2014, RSCF continued assessment and monitoring of a feral, Palm Beach population of Green-cheeked Amazon parrots (*Amazona viridigenalis*). Globally endangered and endemic to Mexico, the species has persisted on Palm Beach since the 1940's. RSCF has monitored the population for 20+ years, under an agreement with the Breakers Hotel and special permitting from the Florida Fish and Wildlife Conservation Commission. Activities include nest-site monitoring, intra-cavity inspections and video recording, banding/weighing of chicks, rehabilitation, public education and outreach (with The Breakers' education staff) and annual recruitment estimation.

Florida Grasshopper Sparrow:

[U.S. Fish and Wildlife Service Grant Agreement # F12AP01156, Captive Breeding, Florida Grasshopper Sparrow]

Discussions and meetings addressing recovery strategies for the Florida Grasshopper Sparrow (*Ammodramus savannarum floridanus*, hereafter FGSP) between USFWS and the Rare Species Conservatory Foundation (hereafter RSCF) continued through 2014. As stipulated in the grant contract and earlier reports, RSCF was requested to provide technical assistance to a pilot captive-breeding effort for the Eastern Grasshopper Sparrow (*A. s. pratensis*) to be conducted by B. Lohr at UMBC, and to concurrently develop and integrate a captive breeding strategy for FGSP in Florida.

During the initial period from the execution of the grant agreement until now, RSCF, represented by P. Reillo, has engaged in discussions and workshops addressing wild population assessments and various recovery approaches. These include numerous discussions with USFWS staff and consultants and participation in all FGSP workshops—both by phone and in person. Reillo and Lohr communicate frequently to discuss nutritional, developmental and veterinary issues with the *A. s. pratensis* in Lohr's lab, methodologies, and research applications to FGSP recovery.

Since the grant modification, Reillo and RSCF staff have redesigned the sparrow rearing lab at the Conservatory and are prepared for birds anticipated to be collected during 2015, as described under the new USFWS Captive Breeding Plan, revised in early 2015. Upgrades include sealing and weatherproofing all contact surfaces, creating a neutral color scheme for the building's interior, new enclosure mesh and roofing, new lighting system, ventilation and ambient temperature control. In addition, all dedicated incubators and brooders have been overhauled, cleaned and recalibrated.

For a variety of reasons, USFWS did not sanction the collection of FGSP during 2014. Please see the USFWS FGSP Captive Breeding Plan for 2015 for a complete historical discussion, rationale and proposed actions.

Next steps for the captive program hinge upon the outcome of May 2015 wild population surveys and implementation of a tiered, somewhat-stratified collection scheme proposed by USFWS. Hatch-year birds may be collected and brought to RSCF if adequate reproductive effort is observed, May point counts are sufficient, and if the available birds fall within the USFWS selection criteria in the captive-breeding plan. General population thresholds are presented in the plan, which may allow for other collection strategies (e.g., if the population exhibits rapid decline). One of the greatest concerns to the recovery effort is the possibility of rapid, local population collapse, eliminating or significantly reducing viable, wild founders to commence a captive effort.

RSCF's involvement in the FGSP program is contingent upon USFWS's wild population assessments and recommendations from the FGSP Working Group. During 2014, expenditures were restricted to upgrading the FGSP laboratory, purchasing a 15'x15'x40' enclosure frame (for future breeding/managing options), and support for Reillo's participation in FGSP meetings.

II. 2014 Conservation and Research Program Field Projects

Dominica program:

Over the past half-century, Dominica's endemic Amazon parrots, the Sisserou and Jaco (*Amazona imperialis* and *A. arausiaca*, respectively), have proven to be effective conservation flagships for Dominica's diverse oceanic rainforest ecosystem. Continuous parrot-conservation and public-education efforts focusing on the Sisserou, Dominica's national bird and emblem, have achieved a broad base of public support and awareness, along with significant protection of Sisserou habitat, including the oldest forest stands on the island. Both parrot species' secretive natures and Dominica's difficult terrain often have impeded quantitative research into the parrots' ecologies, even as a comprehensive parrot-conservation program has evolved and yielded tangible results. Current field-research activities continue to quantify the parrots' distribution and abundance using GPS/GIS survey methods and direct counts. Research teams use new camera technologies to monitor and document reproduction and parental care, and are quantifying the botanical inventories of critical parrot nesting and foraging habitats. The Dominica parrot-conservation program has stimulated novel research and enhanced protected-area policies island-wide, ensuring a future for the Nature Island's vast montane forests and its winged ambassadors.

Since 1997, RSCF and Dominica's government have partnered to research and conserve Dominica's parrots. The program is multifaceted, and includes:

- extending formal, legal protection to all forests surrounding Morne Diablotin, nesting stronghold for the Sisserou, and expanding protected areas to augment the Morne Diablotin and Morne Trois Pitons National Parks
- developing management and conservation strategies for the Jaco and Sisserou with Dominica's Forestry, Wildlife and Parks Division, including new protected-areas policies (Morne Diablotin National Park and recent annexations, 1999-2005) and wildlife legislation (Wildlife Act, amended 2003-2007 and currently under Cabinet review for inclusion in a new National Parks system)
- coordinating support for ongoing research, staff capacity building and education programs with public zoological facilities, other non-profit organizations, UNDP/UNEP and local and international NGO's. Efforts include field training, delivering new research technologies and equipment, infrastructure enhancements (e.g., overhauling the Parrot Conservation and Research Centre), field vehicles, and funding outreach programs (e.g., continuous PSA's, annual Caribbean Endemic Bird Festival, trail and road signage, publications).

The broad-based conservation program has produced many significant results, including formative documentation of reproduction and bi-parental care in the Jaco and Sisserou, delineation of key parrot habitat, and the compilation of area-specific biological inventories. Most significantly, on January 21, 2000, culminating a two-year, \$1.086 million campaign spearheaded by RSCF and the Dominican government, Dominica formally declared the new Morne Diablotin National Park, encompassing ~8500 acres (3443 ha) of pristine rainforest and the principal nesting area for the Sisserou. Since then, RSCF funds have enabled seven additional, adjacent, private land parcels to be annexed into the park, and the Morne Diablotin National Park Visitors Centre and Forestry field station to be completed and serve at a vital management outpost for the park.

Outreach, education: During 2014, in addition to assisting the parrot field conservation program, RSCF provided operational funding for the Parrot Conservation and Research Centre at the Botanical Gardens and continued its 13-year commitment to on-island environmental awareness efforts by sponsoring print and radio Public Service Announcements and special programming (e.g. Voice of Life Radio, DBS radio and television) and the 2014 Caribbean Endemic Birds Festival. In addition, RSCF again distributed funds from a research grant from the Loro Parque Fundacion in Tenerife, Spain for the Dominican parrot team to conduct a comprehensive population survey of the Sisserou parrot. This survey, which will run through 2015, replicates the GPS/GIS parrot survey methodology

co-developed by RSCF and Dominica's Forestry Division in 2001 to estimate current population size and distribution by estimating parrot densities across vast, montane forest habitat.

Mobile Wildlife Laboratory: During 2011, RSCF shipped a self-contained RV from Florida and equipped it to become a stand-alone, mobile wildlife laboratory, housed at the Parrot Conservation and Research Centre in Roseau. The laboratory sleeps six and provides a flexible, environmentally controlled facility for researchers and Forestry staff working on special wildlife cases (e.g., rearing/rehabilitation of wildlife, specialized veterinary care, extended stays in the field). During 2014, additional veterinary supplies, equipment and pharmaceuticals were added to the facility—most importantly an isoflurane anesthesia machine. The anesthesia machine, the only one of its kind on the island, provides safe, reversible anesthesia for avian examinations and procedures. Reillo and support staff used the mobile lab as a base of operation during visits in 2014 and 2105.

Externship in Avian Medicine and Husbandry: From 29 September – 10 October 2014 RSCF hosted Assistant Forest Officer Stephen Durand and Veterinary Officer/AO3 Bryon Richards (representing the Ministry of Agriculture and Forestry) for intensive, hands-on training in avian husbandry and medical care. The techniques-oriented sessions were designed to build practical capacity for personnel responsible for the care and management of the endemic Amazon parrots currently held at the Parrot Conservation and Research Centre in the Botanic Gardens, Roseau. The training covered relevant aspects of small-wildlife handling, examination, anesthesia, assessment, surgery and emergency treatment. In addition, laboratory techniques, including fecal floatation analysis and microbiology (bacterial/fungal cultures and sensitivities) were conducted. Co-coordinated by Dr. Susan Clubb at the Rainforest Clinic for Birds and Exotics (in Loxahatchee, FL) and Reillo at RSCF, the methods course emphasized routine procedures and treatments to enable Forestry/Veterinary staff ability to provide appropriate, basic medical care for Dominica's wildlife. Forestry and Veterinary Services frequently receive animals in need of medical attention and rehabilitation. A full report of the externship, filed by Durand and Richards with the Ministry of Agriculture, is available upon request.

Construction of a new parrot exhibit enclosure near the Parrot Conservation and Research Centre (PCRC), National Botanic Gardens: During 2008, RSCF designed, shipped and installed a new exhibit aviary for Jaco parrots and other representative wildlife at the Botanical Gardens in Roseau. This 15'x15'x40' enclosure, modeled after RSCF's Red-brow aviary in Loxahatchee, FL enables visitors to see Jaco parrots, agoutis, iguanas, and other representative fauna in a large, free-flight, landscaped enclosure. Previously, visitors intruded upon the PCRC to glimpse the only captive Jaco and Sisserou parrots in the world. Constructed in 1991 by the Jersey Wildlife Preservation Trust and overhauled by RSCF in 1999, the original PCRC complex is headquarters for the parrot conservation and research program, spearheaded by the Forestry, Wildlife and Parks Division. The PCRC provides safe harbor for non-releasable animals, a center for captive breeding and research for the Sisserou parrot, and laboratory and veterinary space for wildlife rehabilitation. RSCF has funded and provided all diets, consumables, equipment and supply costs for the PCRC since 1997, and in 2008 supplied renovation materials (e.g., paint, carpentry supplies and tools). During 2009, this enclosure was formally made accessible to the viewing public, as the main PCRC complex was taken off-line to again serve as a full-time, protected avian research and breeding facility. As a result, the world's only captive breeding pair of Sisserou parrots at the PCRC successfully hatched the first Sisserou chick in captivity, on 5 May 2010. During 2011, the PCRC was enhanced with new concrete sills for aviary enclosures, new wiring and plumbing, and site preparation for the mobile wildlife laboratory described above. During 2014, the exhibit enclosure was outfitted with new perimeter fencing, visitor set-backs, colorful graphics, and security measures.

Caribbean Endemic Birds Festival: Since its inception in 2002, RSCF has sponsored the Forestry, Wildlife and Parks Division's participation in the CEBF, the broadest annual environmental outreach program for children in the Lesser Antilles (>8,000 children in 2014). The program runs for one month in May, and enables children from across the island to celebrate the richness of Dominica's bird life, totaling 228 species. The program is a collective effort between Forestry, RSCF, local sponsors and Birds Caribbean, the latter of which produces the *Journal of Caribbean Ornithology*. Each year, Forestry staff voluntarily lead presentations, tours, and media releases on the ecology and conservation of Dominica's avifauna, engaging all radio, television and print media outlets island-wide.

Experienced Foresters accompany school groups on birding expeditions, seabird-watches and rainforest tours, and give illustrated presentations at the National Botanic Gardens—all on their own time. The Division also hosts a *BirdArt* contest and exhibition (300+ entries last year), for children from pre-K to Seniors (IV Form). CEBF has grown each year since its inception. RSCF's annual contribution supports transportation, supplies for educational materials, field binoculars for students, field consumables, the *BirdArt* and *Radio Quiz* programs, and press-release materials.

Establishing agro-processing facility in village of Dublanc. This is an extension of the Morne Diablotin National Park/U.N. Cluster World Heritage Site program initiated by RSCF in 2000. RSCF engaged the United Nations Development Programme (UNDP) to solicit FAVACA (Florida volunteer corps.) to provide two citrus production and marketing specialists to assess citrus management in the Morne Diablotin area. The report, filed in 2006, indicates adequate acreage, production and suitable fruit quality for small-scale processing. The initiative aims to provide livelihood development for farmers and agricultural stakeholders adjacent to Morne Diablotin National Park who suffer significant crop losses to parrots and other protected wildlife. Current citrus-crop utilization is less than 40% in Dominica, largely due to on-the-tree fruit storage, and local, fresh-fruit market sales only. Micro-processing enables farmers to explore local fresh juice and extract-product markets and utilize a greater percentage of fruit set each year, thereby reducing wildlife-human conflicts. The Jaco parrot (*Amazona arausiaca*) exploits agriculture on Dominica, and while fully protected under law, the species is no longer considered imminently threatened. As opportunists, Jaco parrots supplement their food intake with readily available citrus (primarily to extract seeds), but do not rely on agriculture for adequate nutrition. The Sisserou parrot (*A. imperialis*) does not forage in agricultural areas. Smaller birds, such as bananaquits, tremblers and thrashers, also consume agriculture, along with agoutis, manicou (opossum) and rats.

The Western Farmers Citrus Association is incorporated and fully registered as a Community Based Organization (NGO), and serves as the local consortium for agricultural stakeholders in the Morne Diablotin area. The Association has been recognized by both Dominica's Ministry of Agriculture and the Environment and UNDP as the appropriate entity to receive duty-free agricultural concessions consigned by NGO's to Government. During 2008, RSCF delivered two state-of-the-art fruit processors manufactured in Florida by FMC, the world's largest manufacturer of processing equipment (www.fmctechologies.com):

- 1 Fresh 'n Squeeze Multi-fruit Juicer, 240VAC, with service parts
- 1 Produce Plus Juicer (for mangos, pineapple, guava, etc.)

The shipment also included spare and maintenance parts for the machines and a fully purchased, 20' shipping container for storage, with all items consigned to the Ministry of Agriculture and the Environment as duty-free. During 2012, the Ministry officially commissioned operations of the completed micro-processing facility to the Association, which began commercial processing under its own label in early 2013. The facility is located in Dublanc, a small, coastal village situated at the base of Morne Diablotin on Dominica's west coast, and has the potential to serve growers within a 10-mile radius. During 2014, the facility processed and distributed juices under its "Jaco" label. Processing includes juices and extracts of all types, with waste material suitable for industrial uses (e.g., organic solvents), organic compost and animal feeds. This facility is intended as a model to be replicated across Dominica's agricultural communities to enhance local crop management, community cooperation and juicing efficiency, while simultaneously reducing wildlife depredation of tree-stored fruits.

Other wildlife initiatives:

RSCF Board member R.D. Estes was appointed Lifetime Member Emeritus to the IUCN Species Survival Commission, in recognition of chairmanship of the Antelope Specialist Group from 1978-2004. In addition to his pivotal role in the bongo antelope conservation program, Estes is actively involved in the conservation of the giant sable antelope, through RSCF and ASG support of an Angolan ecologist who recently obtained photographic proof that the species survives in the Cangandala National Park. In 2009, Estes assisted in an ambitious translocation

effort for the giant sable in Angola and provided technical support, outreach and essential documentation for the project. He again served as Resident Naturalist in Kenya's Maasai Mara Reserve, Governors Camp, during 2014 and provided guide and guard training for wildlife teams from Mozambique, Tanzania (Gremeti Reserve), and South Africa. His comprehensive treatise on wildebeest, *The Gnu's World*, drawing upon decades of research and historical population data compiled since 1967, was published in 2014. During his regular field expeditions throughout the year, Estes monitors wildebeest, elephant and ungulate populations while offering outreach and interpretive services to park personnel and visitors.

Bongo antelope microsatellite analysis by RSCF trustee George Amato, Director, Sackler Institute for Comparative Genomics, American Museum of Natural History:

Microsatellite DNA analyses are used to differentiate sub-populations and estimate relatedness between individuals. Relatedness information is fundamental to the bongo recovery effort because the genetic variation across wild and captive bongo groups and the genetic similarity between fragmented wild sub-populations are presently unknown. Since bongo antelope have been maintained in captivity (with an international studbook) since the 1970's, there exists excellent pedigree information for captive animals, but no independent analysis to determine how much genetic variation exists. For convenience, studbook analyses assume that the initial founders are genetically unrelated—but this is almost never the case for any managed species. Captive bongo may comprise genes that have long disappeared from the wild or vice-versa—only a comparative genetics assessment can tell.

The bongo's sustainable recovery in the wild hinges upon practical management decisions that conserve both genetic diversity and integrity. Genetics can guide reintroductions and translocations designed to boost animal numbers and genetic diversity by helping determine which animals complement existing sub-populations, or which sub-populations can be mixed or integrated. Dr. George Amato, Director of the American Museum of Natural History's Conservation Genomics Department and RSCF trustee, recently has compiled a bongo genetic library and developed bongo-specific primers and markers to assess genetic variation, distance and relatedness among bongo populations, which will include samples from wild bongo across the Aberdares, Mau, Mt. Eburru, Salient and Mt. Kenya, the managed population at the Mt. Kenya Wildlife Conservancy (and their 2004 repatriated ancestors), and U.S. and European collections. DNA can be extracted from field-collected dung samples, or from hair and skin from live or deceased animals. Dr. Henrik Svengren, Department of Zoology, Uppsala University, Sweden, has committed to help process samples and compile a comprehensive population genetics analysis, using the protocols developed in Dr. Amato's laboratory.

An immediate goal is to assess which animals are of greatest genetic and demographic value to the overall recovery effort, and to prioritize actions that preserve existing diversity and maximize conservation yield across populations. The recovery strategy for bongo depends upon vigilance and protection of all remaining wild bongo and bongo habitat, and integrating multiple approaches— from environmental policy to reintroductions— into an effective, sustainable conservation fabric.

RSCF Research Associate Activities:

Crocodylian research and conservation by Research Associate Matt Shirley (University of Florida)—Shirley is currently based in Gabon and Cote d'Ivoire, developing conservation recovery strategies for the West African slender-snouted crocodile with Abidjan National Zoo and the Ivorian national parks service. A full project description, including comprehensive budget, objectives, timelines and partner responsibilities, is available from RSCF. The IUCN Save our Species program is a primary funder, with RSCF functioning as technical and administrative resource and zero-overhead fiduciary for Dr. Shirley's research, summarized below:

Project Title: *In- and Ex-Situ Conservation of Mecistops in the Upper Guinea Forest Region*

Executive Summary: This project aims to reverse the extinction trajectory of Africa's most Critically Endangered crocodilian (the West African slender-snouted crocodile *Mecistops cataphractus*) through captive breeding and reintroduction in the Upper Guinea forest region. The slender-snouted crocodile is a evolutionarily and ecologically unique crocodilian species endemic to the forested wetlands of the Upper Guinea and Congo biomes. Recent research has shown that the populations in these two regions have been isolated for > 7.5 million years and are readily distinguished morphologically and genetically. As a result, they are currently being split into two unique species. Crocodile surveys in West Africa over the past decade have detected < 50 individual *Mecistops*, of which only three were adults. Habitat loss and historic hunting have threatened this species and small, fragmented populations now impede recovery. To combat this, we are reviving captive breeding efforts for this species at the Abidjan National Zoo, evaluating reintroduction sites for ecological and socio-economic suitability, and reintroducing captive bred crocodiles for population reinforcement or revival in the case of local extinctions. By coordinating activities with national parks and protected areas development the project will be contributing to the burgeoning wildlife conservation efforts in Cote d'Ivoire. The long-term impacts will be further expanded through extensive capacity building with local stakeholders, national parks staff, students, community members and wildlife agents. This is the first ever project in Africa specifically designed to reinforce depleted and revive locally extinct crocodile populations.

Research on Elephant, Rhinoceros and Lion Disease—Dr. Michele Miller: During 2014, an American Association of Zoo Veterinarians grant supported RSCF conservation veterinarian Dr. Michele Miller to conduct research on multiple health issues in black rhinoceros in South Africa. Funds were used to establish a regional laboratory in southern Africa that could perform the U.S. standardized rhino-specific ferritin assay to allow comparative studies. Serum ferritin and iron values were determined and demographic factors compared to establish reference ranges to study Iron Overload Disorder in black rhinoceros. Funds were distributed for project supplies (multichannel pipettes) and field support. Dr. Miller's research program was conducted in collaboration with South African National Parks (South Africa), Stellenbosch University (South Africa), Department of Agriculture, Forests, and Fisheries/DAFF (South Africa), and Colorado State University (USA).

Dr. Miller also is conducting research on the epidemiology of tuberculosis in the North American captive elephant population. Funds were used to develop, implement and conduct analyses using a web-based epidemiological survey of U.S.-based elephants to assess factors contributing to infection with tuberculosis. In addition, a questionnaire on diagnostic tests and treatments for TB in elephants was included to develop a database. Funds were distributed for project running costs and personnel support associated with work in the U.S.; Miller's research project was conducted in collaboration with University of Florida (USA), Colorado State University (USA) and University of Missouri (USA) co-investigators with endorsement by the American Zoo Veterinarians Association (AAZV), Association of Zoos and Aquariums (AZA) Elephant Taxon Advisory Group (TAG), and International Elephant Foundation (IEF) (all US-based organizations).

Finally, a Morris Animal Foundation Grant to Dr. Miller was administered by RSCF to support research on disease (primarily TB) in South African lions. Funds were used to evaluate commercially available rapid serological tests (ChemBio STAT-PAK and DPP) as practical field screening tools to determine the status of lions infected with tuberculosis. Sample/data collection from multiple lion prides included skin tests, tracheal lavage for mycobacterial culture, and blood collection for serology and was conducted in Kruger National Park, South Africa. Grant funds supported travel/running costs associated with field work, conducted in collaboration with South African National Parks (South Africa), Stellenbosch University (South Africa), Department of Agriculture, Forests, and Fisheries (DAFF) (South Africa), and Colorado State University (USA).

Dr. Miller's filed, final project reports are available in-full upon request.

III. Conservation Education Activities

In 2000, RSCF maintained relationships with domestic and international zoological institutions and agencies, and again overhauled its extensive, free-access web site (www.rarespecies.org). The site links to many conservation and environmental organizations, presents RSCF's mission and scope for all audiences, and discusses conservation initiatives in detail. The education section for children has been significantly expanded, and is now used by schoolteachers across the U.S. and internationally. The site is updated regularly, and provides access to in-house and published scientific papers and program documents. In addition, RSCF staff in 2014 presented lectures and seminars to scientific and lay audiences (e.g., local universities, nature centers, international conservation meetings and workshops), and RSCF's board members served as academic advisors for graduate-level university students. (*Please see discussion on RSCF's collaboration with Florida International University—Tropical Conservation Institute.*) During 2014, RSCF continued its joint Public Service Announcement campaign with Dominica's Forestry and Wildlife Division, through which environmental education and conservation awareness is broadcast via radio and television both in English and Creole, as well as through print media, and sponsored the annual Caribbean Endemic Birds Festival (see above).

IV. Media Development

In the course of implementing its conservation programs, RSCF generates a large amount of data, video footage, photographs, and technical narrative. Integral to the research effort itself, these materials also provide the basis for information sharing with scientific and lay audiences. RSCF compiles media resources into comprehensive reference libraries of imperiled ecosystems and species, including images and event histories that document project timelines in their entirety. The more endangered the species, the more crucial the record. Project-site host governments are a further beneficiary of this media development initiative, many of them lacking the funds to document their own country's biological resources, and what is becoming of them.

RSCF partners draw upon raw material from RSCF's field research. Scientific media content is packaged for use by partners, and is seen in exhibits and educational materials suitable for diverse audiences (e.g., zoo visitors, students, professional educators, web site browsers, conservation organizations, governmental agencies). Findings are also shared with scientific colleagues through technical publications associated with *in situ* conservation initiatives, propagation and other activities. RSCF is also acutely aware of the need to expand media programs and adapt/translate materials for educators, students and researchers at field project sites. RSCF's programs and field material are featured regularly in popular print and film, in addition to scientific publications for professionals. For example, RSCF's instrumental role in creating the world's first new national park of the millennium was presented in *Wildlife Conservation*, *National Geographic*, and *Palm Beach Illustrated*. Similarly, RSCF's work has been highlighted on *CNN*, and *National Geographic Today*, and the Dominica Program was the feature story for *Jack Hanna's Animal Adventures* season premier entitled, "In Search of the Sisserou".

RSCF regularly contributes feature articles and research papers to technical and lay journals. Similarly, the 2003-2004 bongo repatriation effort was featured on *CNN*, *BBC*, network television, the *New York Times*, multiple web news services (including *National Geographic* and *Time Magazine for Kids*), and over 30 newspapers across the U.S., Canada, Europe and Africa. During 2005, RSCF assisted the British Broadcasting Corporation while filming on Dominica, part of a multi-year, many-island documentary of the natural and geomorphological histories of the Caribbean; this series reached U.S. and European markets during 2010-2011. During 2006, RSCF participated in a novel, mini-documentary website campaign sponsored by Lincoln-Mercury and Amazon.com, entitled "My Dream". See www.mydream.tv and the submenu "Give Back" / "Conserve an Endangered Species" to view the film and profile about RSCF programs. RSCF trustee Mark Davis, DVM compiled, directed and produced a multi-cultural wildlife documentary film, "Horns of Hope," which debuted in 2012 and has been shown in numerous public venues since. The film highlights the poaching plight of black rhino in Zimbabwe and a diversity of conservation and

recovery strategies for Africa's premier flagship mammal species, including rhinoceros and bongo antelope; in addition it inspires environmental awareness through cultural, spiritual and scientific messaging.

Increasingly, social media has enabled RSCF to efficiently reach a broad audience with day-to-day video posts, staff blogs and contributions, photos, real-time dialogue with field staff, and related news stories. Some RSCF-generated videos have gone viral, while other material has been archived by network news organizations and conservation-themed websites and advocates (e.g., Arkive.org). RSCF staff continue to present at several local, national and international conservation venues and participate in nature documentary filming. RSCF staff, research associates and program partners published in technical peer-reviewed journals, popular magazines, local and regional newspapers, and in online forums. Please see RSCF's website for a complete and historical list of reprints, press releases, links and related materials.

V. Facility Expansion

Thanks to a special grant from the Batchelor Foundation in Miami, in November 2007 RSCF formally expanded the Conservatory along its northwest boundary. The five-acre property includes a 2300 sq. ft. main structure, vehicle storage pole barn, and irrigation pond. As an expansion of the 20-acre Rare Species Conservatory, this addition enhances RSCF's wildlife conservation activities and facilities. During 2014, a number of construction and modification projects were completed, including:

- Re-design and completion of the breeding laboratory for the Florida Grasshopper Sparrow
- Expanded pygmy marmoset breeding enclosures and parrot fledgling enclosures
- Expanded bongo habitat, development of new bongo breeding group
- New hoofstock feeding structures, gates and pens

Digital Imaging: Thanks to a special grant, RSCF purchased a fully portable, Sound Eklon 1109G Digital Radiography System, to be shared cooperatively among local wildlife non-profit centers. The system comprises a suitcase-based computer and control system coupled to a digital imaging plate that allows both clinical and field-based x-ray imaging of small and large animals. Under an agreement with the Rainforest Clinic, based in Loxahatchee, patients from all local wildlife non-profits can benefit from the latest in digital x-ray imaging at no cost. In addition, the clinic provides an annual stipend to RSCF in consideration for providing digital imaging services to regular clients. This technology provides limitless, film-free, fast, fine-detail, images that can be enhanced, saved and shared among researchers and veterinarians. Diagnostics are maximized while handling time is minimized, significantly reducing patient stress. During 2013, the digital radiography system was instrumental in guiding the full recovery of an orphaned bongo antelope calf, born with a broken distal metacarpal. The system has also been invaluable for diagnosing health issues in parrots and small primates since its deployment.

As a 25-acre facility, the Rare Species Conservatory represents the organization's international headquarters for wildlife conservation, which focuses on global biodiversity preservation. RSCF's interdisciplinary programs integrate applied field and clinical research on endangered species, propagation and management of critical, flagship species for repatriation and reintroduction, developing husbandry protocols for critical taxa, and implementing protected-area policies and strategies for long-term ecosystem conservation. RSCF also collaborates with scientific and governing authorities for wildlife in conservation hotspot zones, primarily in the tropics and neo-tropics, to develop tangible conservation solutions for imperiled species and habitats.

The Conservatory in Loxahatchee serves as a captive-breeding center and research complex, as it also provides a hub for international exchange and outreach to students, interns, collegial scientists and the general public. Soon this role will expand as the Conservatory becomes the technical hub for FIU's Tropical Conservation Institute (above). The expanded facilities significantly enhance RSCF's conservation mission both locally and internationally, and facilitate existing and future programs to protect and restore the world's highest priority wildlife and natural areas. Please see

RSCF's website at for a detailed discussion about specific projects, organizational structure, and conservation strategies.

APPENDIX A: Board of Directors

Paul R. Reillo, Ph.D., University of Maryland (Zoology). Field-oriented population biologist, ecological geneticist and environmental engineer. Rare Species Conservatory Foundation founder and president. Technical expertise in field ecology, demographic and genetic analysis of small populations and animal husbandry.

Richard D. Estes, Ph.D., Cornell University (Vertebrate Zoology). Behavioral zoologist and ecologist. Specialist in field studies of large African mammals. Species Survival Commission Chairman for Antelope Specialist Group of the World Conservation Union (IUCN); Earthwatch Scientific Advisor; Associate, Harvard Museum of Cultural and Natural History.

George Amato, Ph.D., Yale University (Biology). Director and Affiliated Professor, Sackler Institute of Comparative Genomics, American Museum of Natural History. Adjunct associate professor at Columbia and Fordham universities, research associate in the Ecology and Evolutionary Biology Department of Yale University. Conservation geneticist specializing in non-invasive sampling techniques for endangered species, and monitoring the trade in endangered species products using DNA-based forensic science.

Christopher Langen, Esq. Attorney, parrot enthusiast and conservation devotee, having traveled to 26 countries to view parrots alone. Fluent in four languages, and provides both legal counsel to RSCF and international program perspective and expertise.

APPENDIX B: Year-end, 2014 Animal collection at RSCF, maintained under USDA, USFWS, and Florida FWC licenses

2 <i>Iguana iguana</i> (common green iguana)	
29 <i>Boocercus euryceros isaaci</i> (eastern bongo)	
46 <i>Amazona rhodocorytha</i> (Red-browed Amazon parrot)	1 <i>Amazona imperialis</i> (Imperial parrot)
2 <i>Amazona vinacea</i> (Vinaceous Amazon parrot)	4 <i>Deroptyus accipitrinus accipitrinus</i> (Guyana hawkheaded parrot)
15 <i>Pionites leucogaster</i> (White-bellied caique parrot)	2 <i>Pionites melanocephala</i> (Black-headed caique)
2 <i>Leontopithecus rosalia</i> (Golden Lion Tamarin)	1 <i>Amazona brasiliensis</i> (Red-tailed Amazon parrot)
4 <i>Leontopithecus chrysomelas</i> (Golden-headed Lion Tamarin)	
45 <i>Cebuella pygmaea</i> (Pygmy marmoset)	
6 <i>Aratinga guarouba</i> (Golden conure)	

APPENDIX C: 2014 RSCF Physical Plant Inventory

- 25 landscaped acres, property and tangible-tax exempt (Palm Beach County, FL), fenced and cross-fenced (1.6 miles 8' fencing, mostly hi-tensile; .75 miles 4' fencing, hi-tensile)
- 12 interconnected hoofstock paddocks, with 8' gates, loading corrals, pole barns for feeding stations, troughs
- 1.5 acre mixed-species area, with 40 flights, including 13 walk-in, landscaped enclosures.
- 8 additional free-flight aviaries and stand-alone primate enclosures.
- 30'x12'x10' zoomesh primate enclosure
- 5 hurricane-proof bunkers (including, weaning, evacuation and workshop rooms)
- hurricane-proof small animal breeding laboratory (Florida Grasshopper Sparrow)
- aviary kitchen/ food prep room
- dishwashing building
- hay and grain storage buildings
- reverse-osmosis water purification system (separate building)
- Sound Eklon 1109G portable radiography system (housed at Rainforest Clinic)
- office/lab with nursery, veterinary clinic, surgery and quarantine (600 sq.ft.)
- personnel quarters, with separate intern/guest accommodation (1300 sq.ft.)
- meeting, staff-support and laboratory space (2000 sq. ft.), including rearing laboratory
- technical equipment (e.g., incubators, brooders, video, computers, tranquilizer equip., respirator, anesthesia)
- shop and tools (tractor, 3 all-terrain vehicles, bushhog, mower, trimmer, auger, sub-soiler, hand tools, welder, specialty fencing tools, plumbing, electrical supplies, rolling stock, 2 golf carts, etc.)
- backup diesel and gasoline generators—stationary and portable.