

Return of Organization Exempt From Income Tax

2012

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except black lung benefit trust or private foundation)

Open to Public Inspection

Department of the Treasury Internal Revenue Service

The organization may have to use a copy of this return to satisfy state reporting requirements.

Header section A-M containing organization details: Name (Rare Species Conservatory Foundation), EIN (65-0560456), address (1222 E Road, Loxahatchee, FL 33470), and tax-exempt status (501(c)(3)).

Part I Summary table with columns for Activities & Governance, Revenue, Expenses, and Net Assets or Fund Balances. Rows include mission statement, member counts, and financial data for 2012 and 2011.

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.

Signature of officer: Paul R. Reillo, dated 8 May 2013, Title: PAUL R. REILLO, PH.D., FOUNDATION PRESIDENT

Paid Preparer Use Only section: Preparer Robert J Thomas, MB Wealth Solutions, LLC, dated 05/06/13, EIN P00337434.

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

Part III Statement of Program Service Accomplishments

Check if Schedule O contains a response to any question 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? Yes No

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

4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses.

4a (Code: ) (Expenses \$ 384,587. 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 \$ 11,700. including grants of \$ 0.) (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 396,287.

**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)? <i>If 'Yes,' complete Schedule A</i> .....	1 X	
2 Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> (see instructions)? .....	2 X	
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? <i>If 'Yes,' complete Schedule C, Part I</i> .....	3	X
4 <b>Section 501(c)(3) organizations</b> Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? <i>If 'Yes,' complete Schedule C, Part II</i> .....	4	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? <i>If 'Yes,' complete Schedule C, Part III</i> .....	5	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? <i>If 'Yes,' complete Schedule D, Part I</i> .....	6	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? <i>If 'Yes,' complete Schedule D, Part II</i> .....	7	X
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If 'Yes,' complete Schedule D, Part III</i> .....	8	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? <i>If 'Yes,' complete Schedule D, Part IV</i> .....	9	X
10 Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? <i>If 'Yes,' complete Schedule D, Part V</i> .....	10	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? <i>If 'Yes,' complete Schedule D, Part VI</i> .....	11 a 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? <i>If 'Yes,' complete Schedule D, Part VII</i> .....	11 b	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? <i>If 'Yes,' complete Schedule D, Part VIII</i> .....	11 c 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? <i>If 'Yes,' complete Schedule D, Part IX</i> .....	11 d	X
e Did the organization report an amount for other liabilities in Part X, line 25? <i>If 'Yes,' complete Schedule D, Part X</i> .....	11 e	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)? <i>If 'Yes,' complete Schedule D, Part X</i> .....	11 f	X
12a Did the organization obtain separate, independent audited financial statements for the tax year? <i>If 'Yes,' complete Schedule D, Parts XI, and XII</i> .....	12a	X
b Was the organization included in consolidated, independent audited financial statements for the tax year? <i>If 'Yes,' and if the organization answered 'No' to line 12a, then completing Schedule D, Parts XI and XII is optional.</i> .....	12b	X
13 Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If 'Yes,' complete Schedule E</i> .....	13	X
14a Did the organization maintain an office, employees, or agents outside of the United States? .....	14a	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? <i>If 'Yes,' complete Schedule F, Parts I and IV</i> .....	14b X	
15 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or assistance to any organization or entity located outside the United States? <i>If 'Yes,' complete Schedule F, Parts II and IV</i> .....	15 X	
16 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or assistance to individuals located outside the United States? <i>If 'Yes,' complete Schedule F, Parts III and IV</i> .....	16	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? <i>If 'Yes,' complete Schedule G, Part I (see instructions)</i> .....	17	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? <i>If 'Yes,' complete Schedule G, Part II</i> .....	18	X
19 Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? <i>If 'Yes,' complete Schedule G, Part III</i> .....	19	X
20 a Did the organization operate one or more hospital facilities? <i>If 'Yes,' complete Schedule H</i> .....	20	X
b If 'Yes' to line 20a, did the organization attach a copy of its audited financial statements to this return? .....	20 b	

**Part IV Checklist of Required Schedules (continued)**

	Yes	No
21 Did the organization report more than \$5,000 of grants and other assistance to governments and organizations in the United States on Part IX, column (A), line 1? <i>If 'Yes,' complete Schedule I, Parts I and II</i> .....	21	X
22 Did the organization report more than \$5,000 of grants and other assistance to individuals in the United States on Part IX, column (A), line 2? <i>If 'Yes,' complete Schedule I, Parts I and III</i> .....	22	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> .....	23	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, and that was issued after December 31, 2002? <i>If 'Yes,' answer lines 24b through 24d and complete Schedule K. If 'No,' go to line 25</i> .....	24a	X
b Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception? .....	24b	
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? .....	24c	
d Did the organization act as an 'on behalf of' issuer for bonds outstanding at any time during the year? .....	24d	
25a <b>Section 501(c)(3) and 501(c)(4) organizations.</b> 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> .....	25a	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> .....	25b	X
26 Was a loan to or by a current or former officer, director, trustee, key employee, highest compensated employee, or disqualified person outstanding as of the end of the organization's tax year? <i>If 'Yes,' complete Schedule L, Part II</i> .....	26	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> .....	27	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> .....	28a	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> .....	28b	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> .....	28c	X
29 Did the organization receive more than \$25,000 in non-cash contributions? <i>If 'Yes,' complete Schedule M</i> .....	29	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> .....	30	X
31 Did the organization liquidate, terminate, or dissolve and cease operations? <i>If 'Yes,' complete Schedule N, Part I</i> .....	31	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> .....	32	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> .....	33	X
34 Was the organization related to any tax-exempt or taxable entity? <i>If 'Yes,' complete Schedule R, Parts II, III, IV, and V, line 1</i> .....	34	X
35a Did the organization have a controlled entity within the meaning of section 512(b)(13)? .....	35a	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> .....	35b	X
36 <b>Section 501(c)(3) organizations.</b> Did the organization make any transfers to an exempt non-charitable related organization? <i>If 'Yes,' complete Schedule R, Part V, line 2</i> .....	36	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> .....	37	X
38 Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? <b>Note.</b> All Form 990 filers are required to complete Schedule O .....	38	X

BAA

**Part V Statements Regarding Other IRS Filings and Tax Compliance**

Check if Schedule O contains a response to any question in this Part V

		Yes	No
<b>1 a</b>	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable		
<b>1 a</b>			0
<b>1 b</b>	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable		0
<b>1 b</b>			0
<b>1 c</b>	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?		
<b>1 c</b>			
<b>2 a</b>	Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return		10
<b>2 a</b>			10
<b>2 b</b>	If at least one is reported on line 2a, did the organization file all required federal employment tax returns? <b>Note.</b> If the sum of lines 1a and 2a is greater than 250, you may be required to e-file. (see instructions)	X	
<b>2 b</b>			
<b>3 a</b>	Did the organization have unrelated business gross income of \$1,000 or more during the year?		X
<b>3 a</b>			
<b>3 b</b>	If 'Yes' has it filed a Form 990-T for this year? If 'No,' provide an explanation in Schedule O		
<b>3 b</b>			
<b>4 a</b>	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)?		X
<b>4 a</b>			
<b>4 b</b>	If 'Yes,' enter the name of the foreign country: See instructions for filing requirements for Form TD F 90-22.1, Report of Foreign Bank and Financial Accounts.		
<b>4 b</b>			
<b>5 a</b>	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?		X
<b>5 a</b>			
<b>5 b</b>	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?		X
<b>5 b</b>			
<b>5 c</b>	If 'Yes,' to line 5a or 5b, did the organization file Form 8886-T?		
<b>5 c</b>			
<b>6 a</b>	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible as charitable contributions?		X
<b>6 a</b>			
<b>6 b</b>	If 'Yes,' did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?		
<b>6 b</b>			
<b>7</b>	<b>Organizations that may receive deductible contributions under section 170(c).</b>		
<b>7 a</b>	Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?	X	
<b>7 a</b>			
<b>7 b</b>	If 'Yes,' did the organization notify the donor of the value of the goods or services provided?	X	
<b>7 b</b>			
<b>7 c</b>	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?		X
<b>7 c</b>			
<b>7 d</b>	If 'Yes,' indicate the number of Forms 8282 filed during the year		
<b>7 d</b>			
<b>7 e</b>	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?		X
<b>7 e</b>			
<b>7 f</b>	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?		X
<b>7 f</b>			
<b>7 g</b>	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?		
<b>7 g</b>			
<b>7 h</b>	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?		X
<b>7 h</b>			
<b>8</b>	<b>Sponsoring organizations maintaining donor advised funds and section 509(a)(3) supporting organizations.</b> Did the supporting organization, or a donor advised fund maintained by a sponsoring organization, have excess business holdings at any time during the year?		X
<b>8</b>			
<b>9</b>	<b>Sponsoring organizations maintaining donor advised funds.</b>		
<b>9 a</b>	Did the organization make any taxable distributions under section 4966?		X
<b>9 a</b>			
<b>9 b</b>	Did the organization make a distribution to a donor, donor advisor, or related person?		X
<b>9 b</b>			
<b>10</b>	<b>Section 501(c)(7) organizations.</b> Enter:		
<b>10 a</b>	Initiation fees and capital contributions included on Part VIII, line 12		
<b>10 a</b>			
<b>10 b</b>	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities		
<b>10 b</b>			
<b>11</b>	<b>Section 501(c)(12) organizations.</b> Enter:		
<b>11 a</b>	Gross income from members or shareholders		
<b>11 a</b>			
<b>11 b</b>	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them.)		
<b>11 b</b>			
<b>12 a</b>	<b>Section 4947(a)(1) non-exempt charitable trusts.</b> Is the organization filing Form 990 in lieu of Form 1041?		
<b>12 a</b>			
<b>12 b</b>	If 'Yes,' enter the amount of tax-exempt interest received or accrued during the year		
<b>12 b</b>			
<b>13</b>	<b>Section 501(c)(29) qualified nonprofit health insurance issuers.</b>		
<b>13 a</b>	Is the organization licensed to issue qualified health plans in more than one state? <b>Note.</b> See the instructions for additional information the organization must report on Schedule O.		
<b>13 a</b>			
<b>13 b</b>	Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans		
<b>13 b</b>			
<b>13 c</b>	Enter the amount of reserves on hand		
<b>13 c</b>			
<b>14 a</b>	Did the organization receive any payments for indoor tanning services during the tax year?		X
<b>14 a</b>			
<b>14 b</b>	If 'Yes,' has it filed a Form 720 to report these payments? If 'No,' provide an explanation in Schedule O		
<b>14 b</b>			

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 to any question 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... 1b Enter the number of voting members included... 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 other 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 or 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 is 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 of 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 taken 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 (501(c)(3)s only) available for public inspection. Indicate how you make 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 makes its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.
20 State the name, physical address, and telephone number of the person who possesses the books and records of the organization: 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 to any question 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 G Estes Ph.D. Director	10.00	X						0.	0.	0.
(4) Mark P Davis DVM Director	10.00	X						0.	0.	0.
(5) Christopher Langen Esq. Director	10.00	X						0.	0.	0.
(6) -----										
(7) -----										
(8) -----										
(9) -----										
(10) -----										
(11) -----										
(12) -----										
(13) -----										
(14) -----										

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

(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			
(15) -----										
(16) -----										
(17) -----										
(18) -----										
(19) -----										
(20) -----										
(21) -----										
(22) -----										
(23) -----										
(24) -----										
(25) -----										
<b>1 b Sub-total</b> .....							0.	0.	0.	
<b>c Total from continuation sheets to Part VII, Section A</b> .....										
<b>d Total (add lines 1b and 1c)</b> .....							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 <b>former</b> officer, director or trustee, key employee, or highest compensated employee on line 1a? <i>If 'Yes,' complete Schedule J for such individual</i> .....	3	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> .....	4	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> .....	5	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 in compensation from the organization ▶



**Part VIII Statement of Revenue**

Check if Schedule O contains a response to any question 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, 513, or 514	
<b>CONTRIBUTIONS, GIFTS, GRANTS AND OTHER SIMILAR AMOUNTS</b>	<b>1 a</b> Federated campaigns .....	<b>1 a</b>				
	<b>b</b> Membership dues .....	<b>1 b</b>				
	<b>c</b> Fundraising events .....	<b>1 c</b>				
	<b>d</b> Related organizations .....	<b>1 d</b>				
	<b>e</b> Government grants (contributions) .....	<b>1 e</b>				
	<b>f</b> All other contributions, gifts, grants, and similar amounts not included above ...	<b>1 f</b> 453,748.				
	<b>g</b> Noncash contributions included in lns 1a-1f: \$	500.				
	<b>h Total.</b> Add lines 1a-1f .....	▶ 453,748.				
<b>PROGRAM SERVICE REVENUE</b>	<b>Business Code</b>					
	<b>2 a</b> -----					
	<b>b</b> -----					
	<b>c</b> -----					
	<b>d</b> -----					
	<b>e</b> -----					
	<b>f</b> All other program service revenue .....					
<b>g Total.</b> Add lines 2a-2f .....	▶					
<b>OTHER REVENUE</b>	<b>3</b> Investment income (including dividends, interest and other similar amounts) .....	▶ 1,037.	0.	0.	1,037.	
	<b>4</b> Income from investment of tax-exempt bond proceeds ..	▶				
	<b>5</b> Royalties .....	▶				
	<b>6 a</b> Gross rents .....	(i) Real				
		(ii) Personal				
		<b>b</b> Less: rental expenses				
		<b>c</b> Rental income or (loss) ...				
	<b>d</b> Net rental income or (loss) .....	▶				
	<b>7 a</b> Gross amount from sales of assets other than inventory .	(i) Securities				
		(ii) Other				
		<b>b</b> Less: cost or other basis and sales expenses .....				
		<b>c</b> Gain or (loss) .....				
	<b>d</b> Net gain or (loss) .....	▶				
	<b>8 a</b> Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c). See Part IV, line 18 .....	<b>a</b>				
		<b>b</b> Less: direct expenses .....	<b>b</b>			
<b>c</b> Net income or (loss) from fundraising events .....		▶				
<b>9 a</b> Gross income from gaming activities. See Part IV, line 19 .....	<b>a</b>					
	<b>b</b> Less: direct expenses .....	<b>b</b>				
	<b>c</b> Net income or (loss) from gaming activities .....	▶				
<b>10 a</b> Gross sales of inventory, less returns and allowances .....	<b>a</b>					
	<b>b</b> Less: cost of goods sold .....	<b>b</b>				
	<b>c</b> Net income or (loss) from sales of inventory .....	▶				
<b>Miscellaneous Revenue</b>						
<b>Business Code</b>						
<b>11 a</b> -----						
	<b>b</b> -----					
	<b>c</b> -----					
	<b>d</b> All other revenue .....					
<b>e Total.</b> Add lines 11a-11d .....	▶					
<b>12 Total revenue.</b> See instructions .....	▶	454,785.	0.	0.	1,037.	

**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 to any question in this Part IX.

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to governments and organizations in the United States. See Part IV, line 21				
2 Grants and other assistance to individuals in the United States. See Part IV, line 22				
3 Grants and other assistance to governments, organizations, and individuals outside the United States. See Part IV, lines 15 and 16	11,700.	11,700.		
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	100,160.	100,160.	0.	0.
8 Pension plan accruals and contributions (include section 401(k) and section 403(b) employer contributions)				
9 Other employee benefits				
10 Payroll taxes	7,232.	7,232.	0.	0.
11 Fees for services (non-employees):				
a Management				
b Legal				
c Accounting	1,970.	0.	1,970.	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) amt, list line 11g expenses on Sch O)				
12 Advertising and promotion				
13 Office expenses	1,520.	532.	988.	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	9,351.	9,351.	0.	0.
23 Insurance	3,220.	3,220.	0.	0.
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>	48,163.	48,163.	0.	0.
b <u>Utilities and Fuel</u>	6,572.	6,572.	0.	0.
c <u>Development and Education</u>	187,938.	187,938.	0.	0.
d <u>Communications</u>	2,228.	2,228.	0.	0.
e All other expenses	19,603.	19,191.	412.	0.
25 Total functional expenses. Add lines 1 through 24e	399,657.	396,287.	3,370.	0.
26 <b>Joint costs.</b> 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 to any question in this Part X

		(A) Beginning of year		(B) End of year	
ASSETS	1	Cash – non-interest-bearing	100,821.	1	173,905.
	2	Savings and temporary cash investments	428,740.	2	375,508.
	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	996,636.		
10b		Less: accumulated depreciation	41,176.	10c	955,460.
11	Investments – publicly traded securities	18,382.	11	23,850.	
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	500.	15	500.	
16	<b>Total assets.</b> Add lines 1 through 15 (must equal line 34)	1,468,804.	16	1,529,223.	
LIABILITIES	17	Accounts payable and accrued expenses	1,874.	17	0.
	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	<b>Total liabilities.</b> Add lines 17 through 25	1,874.	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	1,466,930.	27	1,529,223.
	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	1,466,930.	33	1,529,223.	
34	Total liabilities and net assets/fund balances	1,468,804.	34	1,529,223.	

BAA

Form 990 (2012)

**Part XI Reconciliation of Net Assets**

Check if Schedule O contains a response to any question in this Part XI

1	Total revenue (must equal Part VIII, column (A), line 12)	1	454,785.
2	Total expenses (must equal Part IX, column (A), line 25)	2	399,657.
3	Revenue less expenses. Subtract line 2 from line 1	3	55,128.
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	1,466,930.
5	Net unrealized gains (losses) on investments	5	7,165.
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	1,529,223.

**Part XII Financial Statements and Reporting**

Check if Schedule O contains a response to any question 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? ..... 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		X
2 b	Were the organization's financial statements audited by an independent accountant? ..... 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		X
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 (2012)

**Public Charity Status and Public Support**

**2012**

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

Open to Public Inspection

▶ Attach to Form 990 or Form 990-EZ. ▶ See separate instructions.

Department of the Treasury  
Internal Revenue Service

Name of the organization <b>Rare Species Conservatory Foundation</b>	Employer identification number <b>65-0560456</b>
---	---

**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 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 that describes the type of supporting organization and complete lines 11e through 11h.
  - a  Type I      b  Type II      c  Type III – Functionally integrated      d  Type III – Non-functionally integrated
- e  By checking this box, I certify that the organization is not controlled directly or indirectly by one or more disqualified persons other than foundation managers and other than one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2).
- f If the organization received a written determination from the IRS that is a Type I, Type II or Type III supporting organization, check this box
- g Since August 17, 2006, has the organization accepted any gift or contribution from any of the following persons?
 

	Yes	No
(i) A person who directly or indirectly controls, either alone or together with persons described in (ii) and (iii) below, the governing body of the supported organization? .....	<b>11 g (i)</b>	
(ii) A family member of a person described in (i) above? .....	<b>11 g (ii)</b>	
(iii) A 35% controlled entity of a person described in (i) or (ii) above? .....	<b>11 g (iii)</b>	
- h 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 in column (i) listed in your governing document?		(v) Did you notify the organization in column (i) of your support?		(vi) Is the organization in column (i) organized in the U.S.?		(vii) Amount of monetary support
			Yes	No	Yes	No	Yes	No	
(A)									
(B)									
(C)									
(D)									
(E)									
<b>Total</b>									

**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) 2008	(b) 2009	(c) 2010	(d) 2011	(e) 2012	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any 'unusual grants.') .....	372,003.	149,709.	264,635.	207,101.	453,248.	1,446,696.
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 <b>Total.</b> Add lines 1 through 3 ...	372,003.	149,709.	264,635.	207,101.	453,248.	1,446,696.
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) ...						299,327.
6 <b>Public support.</b> Subtract line 5 from line 4 .....						1,147,369.

**Section B. Total Support**

Calendar year (or fiscal year beginning in) ▶	(a) 2008	(b) 2009	(c) 2010	(d) 2011	(e) 2012	(f) Total
7 Amounts from line 4 .....	372,003.	149,709.	264,635.	207,101.	453,248.	1,446,696.
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources .....	6,758.	1,327.	2,242.	1,788.	1,038.	13,153.
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 IV.) .....						
11 <b>Total support.</b> Add lines 7 through 10 .....						1,459,849.
12 Gross receipts from related activities, etc (see instructions) .....					12	
13 <b>First five years.</b> 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 <b>stop here</b> .....						<input type="checkbox"/>

**Section C. Computation of Public Support Percentage**

14 Public support percentage for 2012 (line 6, column (f) divided by line 11, column (f)) .....	14	78.60%
15 Public support percentage from 2011 Schedule A, Part II, line 14 .....	15	75.26%
16a <b>33-1/3% support test – 2012.</b> 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 <b>stop here.</b> The organization qualifies as a publicly supported organization .....		<input checked="" type="checkbox"/>
b <b>33-1/3% support test – 2011.</b> 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 <b>stop here.</b> The organization qualifies as a publicly supported organization .....		<input type="checkbox"/>
17a <b>10%-facts-and-circumstances test – 2012.</b> 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 <b>stop here.</b> Explain in Part IV how the organization meets the 'facts-and-circumstances' test. The organization qualifies as a publicly supported organization .....		<input type="checkbox"/>
b <b>10%-facts-and-circumstances test – 2011.</b> 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 <b>stop here.</b> Explain in Part IV how the organization meets the 'facts-and-circumstances' test. The organization qualifies as a publicly supported organization .....		<input type="checkbox"/>
18 <b>Private foundation.</b> 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**

Calendar year (or fiscal yr beginning in) ▶	(a) 2008	(b) 2009	(c) 2010	(d) 2011	(e) 2012	(f) Total
<b>1</b> Gifts, grants, contributions and membership fees received. (Do not include any 'unusual grants.') .....						
<b>2</b> Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose .....						
<b>3</b> Gross receipts from activities that are not an unrelated trade or business under section 513 .....						
<b>4</b> Tax revenues levied for the organization's benefit and either paid to or expended on its behalf .....						
<b>5</b> The value of services or facilities furnished by a governmental unit to the organization without charge .....						
<b>6 Total.</b> Add lines 1 through 5 .....						
<b>7a</b> Amounts included on lines 1, 2, and 3 received from disqualified persons .....						
<b>b</b> Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year .....						
<b>c</b> Add lines 7a and 7b .....						
<b>8 Public support</b> (Subtract line 7c from line 6.) .....						

**Section B. Total Support**

Calendar year (or fiscal yr beginning in) ▶	(a) 2008	(b) 2009	(c) 2010	(d) 2011	(e) 2012	(f) Total
<b>9</b> Amounts from line 6 .....						
<b>10a</b> Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources .....						
<b>b</b> Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975 .....						
<b>c</b> Add lines 10a and 10b .....						
<b>11</b> Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on .....						
<b>12</b> Other income. Do not include gain or loss from the sale of capital assets (Explain in Part IV.) .....						
<b>13 Total support.</b> (Add lns 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**

<b>15</b> Public support percentage for 2012 (line 8, column (f) divided by line 13, column (f)) .....	<b>15</b>	%
<b>16</b> Public support percentage from 2011 Schedule A, Part III, line 15 .....	<b>16</b>	%

**Section D. Computation of Investment Income Percentage**

<b>17</b> Investment income percentage for 2012 (line 10c, column (f) divided by line 13, column (f)) .....	<b>17</b>	%
<b>18</b> Investment income percentage from 2011 Schedule A, Part III, line 17 .....	<b>18</b>	%

**19a 33-1/3% support tests – 2012.** 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 – 2011.** 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** **Supplemental Information.** Complete this part to 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: Organization receiving any unusual grants in 2011

Bachelor Foundation

Date: 11/19/2011

Amount: \$ 54,000

Explanation: 100% restricted for purchase of digital radiography system to be shared equally, and at no charge by, local community non-profit organizations working with wildlife.

See Statement of Program Service Accomplishments.



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

OMB No. 1545-0047

2012

Name of the organization

Employer identification number

Rare Species Conservatory Foundation

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, \$5,000 or more (in money or property) from any one contributor. (Complete Parts I and II.)

**Special Rules**

For a section 501(c)(3) organization 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) and received from any one contributor, during the year, a contribution 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 a section 501(c)(7), (8), or (10) organization filing Form 990 or 990-EZ that received from any one contributor, during the year, total contributions of more than \$1,000 for use *exclusively* for religious, charitable, scientific, literary, or educational purposes, or the prevention of cruelty to children or animals. Complete Parts I, II, and III.

For a section 501(c)(7), (8), or (10) organization filing Form 990 or 990-EZ that received from any one contributor, during the year, contributions for use *exclusively* for religious, charitable, etc. purposes, but these contributions did not total to 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 of \$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 Part I, line 2, of its Form 990-PF, 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,**

Schedule **B** (Form 990, 990-EZ, or 990-PF) (2012)

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	Batchelor Foundation 1680 Michigan Avenue, PH 1 Miami FL 33138	\$ 30,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
2	Hufty Foundation PO Box 2710 Palm Beach FL 33480	\$ 14,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
3	White Oak Conservation Center, Inc 1615 Riverside Avenue Jacksonville FL 32204	\$ 57,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
4	Victoria Castegren 4997 Sandy Branch Road Barboursville VA 22923	\$ 22,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
5	Wells Fargo / Social Responsibility Group 301 South College Street, 25th Floor Charlotte NC 28202	\$ 25,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
6	Paul Tudor Jones One American Lane, Terrace Level Greenwich CT 06831	\$ 40,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)

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
7	The Miami Foundation 200 South Biscayne Blvd, Suite 505 Miami FL 33131	\$ 195,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
8	Mr. Mark Smith 7075 SW 97th Place Ocala FL 34476	\$ 10,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
9	Micanopy Zoological Preserve 19350 NW 123rd Court Micanopy FL 32667	\$ 10,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
10	Rainforest Clinic for Birds and Exotics 3319 E Road Loxahatchee FL 33470	\$ 5,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
11	U.S Fish and Wildlife Service 4401 N Fairfax Drive Arlington VA 22203	\$ 10,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
		\$	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)

SCHEDULE D (Form 990)

Supplemental Financial Statements

OMB No. 1545-0047

2012

Department of the Treasury Internal Revenue Service

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. See separate instructions.

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, (a) Donor advised funds, (b) Funds and other accounts. Rows include total number at end of year, aggregate contributions, aggregate grants, aggregate value, and two yes/no questions about donor advisement.

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

Form for Part II Conservation Easements. Includes checkboxes for types of easements, a table for 'Held at the End of the Tax Year' with rows 2a-2d, and several yes/no questions regarding monitoring and reporting.

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. Includes questions about reporting requirements and dollar amounts for revenues and assets.

**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?  Yes  No

b If 'Yes,' explain the arrangement in Part XIII. Check here if the explanation has been provided in Part XIII

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

	(a) Current	(b) Prior year	(c) Two years	(d) Three years	(e) Four years
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:

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

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

**Part VI Land, Buildings, and Equipment.** 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.		6,227.	8,773.
c Leasehold improvements .....				
d Equipment .....	68,853.		28,630.	40,223.
e Other .....	7,575.		6,319.	1,256.
<b>Total.</b> Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10(c).) .....				955,460.

**Part VII Investments – Other Securities.** 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) .....		
<b>Total.</b> (Column (b) must equal Form 990, Part X, column (B) line 12.) .. ▶		

**Part VIII Investments – Program Related.** 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)		
<b>Total.</b> (Column (b) must equal Form 990, Part X, column (B) line 13.) .. ▶		

**Part IX Other Assets.** See Form 990, Part X, line 15.

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

**Part X Other Liabilities.** 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)	
<b>Total.</b> (Column (b) must equal Form 990, Part X, column (B) line 25.) .. ▶	

2. FIN 48 (ASC 740) Footnote. 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







Statement of Activities Outside the United States

▶ Complete if the organization answered 'Yes' to Form 990, Part IV, line 14b, 15, or 16.  
▶ Attach to Form 990. ▶ See separate instructions.

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' to 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	1,700.
(2) Sub-Saharan Africa	0	0	Program Service	See Schedule F- Part V	10,000.
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					
(11)					
(12)					
(13)					
(14)					
(15)					
(16)					
(17)					
3 a Sub-total . . . . .					
b Total from continuation sheets to Part I . . . . .					
c Totals (add lines 3a and 3b) . . . . .	0	0			11,700.

**Part II Grants and Other Assistance to Organizations or Entities Outside the United States.** Complete if the organization answered 'Yes' to 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 Resear	10,000.	Wire Transfer			
(2)									
(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 ..... 1

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' to 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)* .....  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)* .....  Yes  No

**Part V Supplemental Information**

Complete this part to 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).

Schedule F, Parts I

Pt I Line 2 Grant Monitoring: All grants are require a budget, expense tracking and follow-up report. In addition to reporting requirements by original granting agency.

2012 990 Misc. responses:

Schedule F, Parts I and II

Central America/Caribbean

*Dominica:* Expended \$4036 (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.

Grant support comprised:

- (1) \$1700 (wire transfers) to Dominica's Forestry, Wildlife and Parks Division for implementation of the 2012 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, and for aviary and field-support operations during 2012.

Sub-Saharan Africa

*Kenya:* \$10,000 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.

*Gabon and Democratic Republic of Congo:* \$5,000 dispersed by check on behalf of a U.S. Fish and Wildlife Service and multiple U.S. Zoological Society Grants for RSCF Research Associate Matthew Shirley, conducting conservation research on dwarf and slender-snouted crocodiles in West Africa. Funds were distributed by check to Mr. Shirley directly, for work in Gabon, DRC and at the University of Florida. Shirley's research program was conducted in collaboration with the Wildlife Conservation Society (Gabon and DRC), World Wildlife Fund (Gabon), Agence National des Parcs Nationaux (Gabon), Lukuru Foundation (DRC), PROGRAM (Gabon), and CRSN (DR Congolese government agency responsible for natural resources and scientific research). Dr. Shirley successfully defended his Ph.D. at the University of Florida in January 2013.

**SCHEDULE O**  
(Form 990 or 990-EZ)

**Supplemental Information to Form 990 or 990-EZ**

OMB No. 1545-0047

**2012**

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.

Open to Public  
Inspection

Department of the Treasury  
Internal Revenue Service

Name of the organization

Employer identification number

Rare Species Conservatory Foundation

65-0560456

Pt VI, Line 11b 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,

converted to 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 12c Directors are asked to disclose any conflicting interest

annually. All are required to sign the Conflict of Interest

Disclosure Form, and this policy is monitored by the Program's

Director and/or Foundation President.

Full disclosure, by notice in writing, shall be made by the

interested parties to the full board of directors in all

conflicts of interest including but not limited to the

following:

A board member's relationship to other members.

A board member or their organization stands to benefit from  
a transaction.

A board member's organization receives grant funding.

A board member or staff member is a member of the governing  
body of a contributor to RSCF.

A volunteer working on behalf of RSCF who meets any of the

Name of the organization

Employer identification number

Rare Species Conservatory Foundation

65-0560456

situations or criteria listed above.

In the event that a conflict of interest arises, a disclosure form must be resubmitted

Pt VI, Line 19 Financial Statements, Conflict of Interest Policy, Code of Ethics, Document Retention, Destruction Policy, Whistleblower Policy and other policies are available upon request.



Depreciation and Amortization (Including Information on Listed Property)

2012

Department of the Treasury Internal Revenue Service (99)

See separate instructions. Attach to your tax return.

Attachment Sequence No. 179

Name(s) shown on return

Identifying number 65-0560456

Rare Species Conservatory Foundation

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 5 main rows for election details and 13 rows for listed property calculations. Includes columns for description, cost, and elected cost.

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 calculations.

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

Section A

Table with 2 rows for MACRS deductions for assets placed in service before 2012.

Section B - Assets Placed in Service During 2012 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. Includes rows for 3-year, 5-year, 7-year, 10-year, 15-year, 20-year, 25-year, residential rental, and nonresidential real property.

Section C - Assets Placed in Service During 2012 Tax Year Using the Alternative Depreciation System

Table with 6 columns: Classification, Month and year placed in service, Basis for depreciation, Recovery period, Convention, Method, Depreciation deduction. Includes rows for 12-year and 40-year class life.

Part IV Summary (See instructions.)

Table with 3 rows for summary calculations, including total amounts and section 263A costs.

**Part V Listed Property** (Include automobiles, certain other vehicles, 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 **24 b** 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
<b>25</b> 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) . . . . .							<b>25</b>	
<b>26</b> Property used more than 50% in a qualified business use:								
<b>27</b> Property used 50% or less in a qualified business use:								
<b>28</b> Add amounts in column (h), lines 25 through 27. Enter here and on line 21, page 1 . . . . .							<b>28</b>	
<b>29</b> Add amounts in column (i), line 26. Enter here and on line 7, page 1 . . . . .								<b>29</b>

**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
<b>30</b> Total business/investment miles driven during the year (do not include commuting miles) . . . . .												
<b>31</b> Total commuting miles driven during the year . . . . .												
<b>32</b> Total other personal (noncommuting) miles driven . . . . .												
<b>33</b> Total miles driven during the year. Add lines 30 through 32 . . . . .												
<b>34</b> Was the vehicle available for personal use during off-duty hours? . . . . .												
<b>35</b> Was the vehicle used primarily by a more than 5% owner or related person? . . . . .												
<b>36</b> 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
<b>37</b> Do you maintain a written policy statement that prohibits all personal use of vehicles, including commuting, by your employees? . . . . .		
<b>38</b> 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 . . . . .		
<b>39</b> Do you treat all use of vehicles by employees as personal use? . . . . .		
<b>40</b> 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? . . . . .		
<b>41</b> 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
<b>42</b> Amortization of costs that begins during your 2012 tax year (see instructions):					
<b>43</b> Amortization of costs that began before your 2012 tax year . . . . .					<b>43</b>
<b>44</b> Total. Add amounts in column (f). See the instructions for where to report . . . . .					<b>44</b>

RARE SPECIES CONSERVATORY FOUNDATION, INC.  
EIN: 65-0560456  
FORM: 990  
TAX YEAR: 2012

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](http://www.rarespecies.org).

I. 2012 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) seek to 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 2012, 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 2012 was geared toward an aggressive husbandry and veterinary collaboration, engaging Tampa's Lowry Park Zoo in off-exhibit management, on-exhibit education and outreach, and *in situ* program development. 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.

*The Vinaceous Amazon parrot:* In 2012 RSCF continued to coordinate long-term captive management of *Amazona vinacea* with helper aviaries in South Carolina and Florida. RSCF's conservation agenda for the species includes recruiting additional institutional and avicultural support for long-term husbandry and management in the U.S., and investment for *in situ* efforts as necessary. 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 2012 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](http://www.mountainbongo.org)), coordinated with the local NGO Rhino Ark ([www.rhinoark.org](http://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](http://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 position within Rhino Ark, 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 White Oak Conservation Center and Woburn Safari Park have pledged matching support for capacity building, field logistics, and tangible conservation implementation in the Aberdares and on Mt. Kenya. During 2012, RSCF contributed \$10,000 (philanthropy from the Bongo Ranching Program, below) to the Rhino Ark Charitable Trust for ongoing BSP surveillance, protection and research activities in the field.

**Florida Bongo Ranching Program:** During 2012, RSCF expanded a Florida-based bongo management consortium, linking high-net-worth private ranches to help maintain a healthy *ex situ* bongo population and provide animals for repatriation and reintroduction in Kenya as necessary. This initiative was developed at the request of 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. RSCF retains indefinite title to the composition of animal groups donated to ranches in exchange for ranches managing offspring over the duration of the agreement. During 2012, 12 bongo were translocated to two Florida bongo ranches to expand breeding efforts.

**Other in-house projects:** During 2012, RSCF continued to support management efforts for Hawk-headed parrots (*Derophtus accipitrinus accipitrinus* and *D. a. fuscifrons*), Golden conures (*Guaruba guarouba*), Pygmy marmosets (*Cebuella pygmaea*) and 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 maintains its animal database with ISIS, the International Species Information System. During 2012, pygmy marmoset breeding was again expanded to help recovery the dwindling AZA captive populations, although the demographics of the population pose significant, long-term challenges to population recovery. Additionally, RSCF formally partnered again with the White Oak Conservation Center to help integrate RSCF's international conservation programs with WOCC's extensive conservation portfolio. Collaboration includes veterinary, husbandry and recovery projects in the Americas and internationally.

**Feral parrot monitoring:** During 2012, RSCF also expanded 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/weighting 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, Grasshopper Sparrow

This narrative will serve as the first interim report for the above referenced grant, executed on 12 September 2012.

Discussions concerning potential recovery strategies for the Florida Grasshopper Sparrow (*Ammodramus savaannarum floridanus*, hereafter FGSP) between USFWS and the Rare Species Conservatory Foundation (hereafter RSCF) commenced during June 2012. The Florida Grasshopper Sparrow is now considered the most endangered bird in North America, teetering on the edge of extinction. 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 (University of Maryland Baltimore County, hereafter 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 participation in the FGSP workshops held on 13 September 2012 and 23 January 2013 in Vero Beach, FL. In addition, Reillo has met separately with USFWS staff S. Sneckenberger and M. Peterson (most recently on 23 October 2012) to develop a captive-breeding protocol for FGSP. Reillo and Lohr have communicated frequently to discuss nutritional, developmental and veterinary issues with the *A. s. pratensis* in Lohr's lab, and Reillo traveled to Maryland and met with Lohr at UMBC on 4 November 2012 to discuss the parallel projects in detail, observe Lohr's rearing techniques, and confer on all aspects of the wild

population assessment and recovery strategies for FGSP, referencing the extensive, ongoing research with *A. s. pratensis*.

Specifically, Reillo has provided quarantine, treatment and nutritional information to Lohr to improve health and fitness in the lab colony (e.g., treatment protocol for wild-caught birds, anti-helminthics, antibiotic regimens, nutritional supplements, sources for insects, diets, etc.), and has recommended a specific incubation system and profile (e.g., Alpha-Genesis 3000P or Grumbach; settings summarized in the pending FGSP captive-breeding plan). Reillo and Lohr have discussed many aspects of the FGSP project, including vocalizations and their role in neonatal development and signaling breeding activity in the field, captive-breeding techniques, alleviation of environmental/behavioral stressors, manipulating breeding induction and synchrony, hand-rearing approaches and possible diets, caging, photoperiod, substrates and flocking/socialization strategies.

Reillo has prepared facilities at RSCF for field-collected FGSP eggs and chicks, anticipated to arrive between May and October 2013. A dedicated incubator has been established, along with 30 banked, indoor enclosures (2'x2'x4', 1"x1/2" mesh), housed in climate-controlled buildings and three large indoor flight enclosures (4'x5'x12', same mesh) for group housing. Separate, large outdoor enclosures, both elevated and walk-in, are being prepared for groups and progeny, but these are not planned for use during the 2013 season.

Next steps hinge upon the working group's final revision of the FGSP captive-breeding plan and the outcome of wild population surveys and assessments, to commence in April 2013. Equipment is being procured, and Reillo is sourcing additional incubators and a portable DC-powered brooder for egg transfer from the field, and miscellaneous laboratory supplies.

## II. 2012 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 2012, 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 12-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 2012 Caribbean Endemic Birds Festival.

*Wildlife Trade Workshop:* In collaboration with Dominica's Forestry, Wildlife and Parks Division and the International Fund for Animal Welfare, RSCF helped coordinate Dominica's first international wildlife trade workshop, in April 2012. The objective of the two-day workshop was to present a forum for policy makers, practitioners, wildlife experts and scientists, natural resource managers, special interest groups, legal personnel and other stakeholders to openly discuss wildlife import/export trade policy, regulations relating to wildlife translocation (private and commercial) and all wildlife-product movement and commerce. Significantly, the discussions addressed wildlife health, infectious disease, zoonotics and the impact of invasive and non-native species introductions and their ecological and public-health implications. The workshop also illuminated potential impacts to food production and the national economy if no wildlife-trade policy were implemented.

The workshop clarified the urgency and timeliness of import/export policy implementation and periodic modification, as necessary. Moreover, the discussions provided a functional perspective with which to address ongoing problems (e.g., recent and existing non-native imports, potential disease outbreaks) and the need to enhance local capacity for disease containment, quarantine and diagnostics, and emergency wildlife care and intervention. The workshop has led to the development of a wildlife-trade task force and the drafting of a comprehensive policy to be presented to elected officials and government decision-makers. Ultimately, such policy is to be harmonized with local and local and international trade laws and wildlife legislation.

*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 2012, additional veterinary supplies, equipment and pharmaceuticals were added to the facility.

*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.

*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 (>20,000 children in 2012). 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 the Society for the Conservation and Study of Caribbean Birds, 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 (370 entries last year), for children from pre-K to Seniors (IV Form). CEBF has grown each year since its beginning, and 2012 was the biggest, most successful festival to date. 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.fmctechnologies.com](http://www.fmctechnologies.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. 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. Processing operations are now fully functional, and the government and farmer's associations have implemented a business plan (under the product trade name "Jaco") for the processing enterprise. Processing will include juices and extracts of all types, with waste material suitable for industrial uses (e.g., organic solvents), organic compost and animal feeds.

#### ***Abaco Island, Bahamas:***

During 2005, RSCF began collaborating with parrot specialists from the U.S. Fish and Wildlife Service, Puerto Rican Parrot Recovery Program, and researchers studying the Bahamian parrot, *Amazona leucocephala*, to develop a novel research and conservation strategy for the Abaco parrot population. During 2006, RSCF staff and colleagues constructed and installed ten artificial, tree-mounted nest cavities to supplement natural, subterranean nesting within Abaco National Park, on Great Abaco Island. Also during 2006, RSCF provided a field vehicle to the Bahamas National Trust, for use in parrot surveys and monitoring and other field conservation efforts on Great Abaco Island. As with all Amazon parrots, *A. leucocephala* once nested exclusively in natural tree hollows, but became a subterranean nester as Abaco's mature forest was cleared. Today, feral cats and introduced predators threaten the population's viability, devouring flightless young and nesting pairs as they enter and exit underground burrows. The project complements other, ongoing conservation measures (e.g., predator control, environmental education), and is a product of RSCF's recent partnership with the Bahamas National Trust, Department of Agriculture, and local Bahamian NGO's (e.g., Friends of the Environment). During 2007-08, the initial set of artificial nest cavities—each equipped with infrared cameras—was monitored, and birds' interest identified in several areas. Ongoing monitoring has revealed potential to expand the cavity supplementation effort, and illustrated subtle design changes that may increase utilization. A primary objective is to evaluate nest-site use and recruitment over several years, from which a long-term nest-supplementation strategy and habitat restoration program can evolve. During 2008, RSCF Research Associate Caroline Stahala designed a new, simpler nest box to supplement parrot breeding in established areas. During 2009, these boxes were deployed in advance of the nesting season. Stahala's 2012 research included documenting habitat use, quantifying parrot populations and distributions, evaluating predator-control and recovery measures, assessing group size as a function of cooperative behaviors, and developing a long-term protected-area policy for coppice, old growth and nesting habitat in the Bahamas.

#### ***Other African 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 2012 and provided guide and guard training for wildlife teams from Mozambique, Tanzania (Gremeti Reserve), and South Africa. He has recently completed a comprehensive treatise on wildebeest, drawing upon decades of research and historical population data compiled since 1967. 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)— Ecology and Conservation of the Slender-snouted Crocodile (*Mecistops cataphractus*) and recovery and re-population of dwarf (*Osteolaemus cf. tetraspis*) and Slender-snouted crocodiles.* This research program examines the taxonomy, phylogenetics, phylogeography, ecology, distribution and conservation status of a suite of west-African crocodylians (including the West African Nile crocodile, *Crocodylus niloticus*), and develops local and regional conservation and sustainable-use strategies. Matt Shirley successfully defended his Ph.D. at the University of Florida in January 2013.

Research activities were carried out both in Gabon and in the Democratic Republic of Congo during the year 2012. Nationwide surveys were carried out in two national parks and several unprotected sites in Gabon, as well as one protected and one future-protected area in DRC. These surveys facilitated the creation of distribution and habitat suitability models for the slender-snouted crocodile. Sampling efforts conducted as part of these surveys resulted in over 100 slender-snouted crocodile and nearly 50 dwarf crocodile samples. These samples form the basis for genetic analysis of population structure over multiple spatial and temporal scales for both the slender-snouted and dwarf crocodiles. Dr. Shirley's full dissertation, much of which is now published or in-press with peer-reviewed journals, is available from RSCF and the University of Florida, Dept. of Ecology and Wildlife Conservation.

### 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](http://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 frequently, and provides access to in-house and published scientific papers and program documents. In addition, RSCF staff in 2012 presented lectures and seminars to scientific and lay audiences (e.g., Florida Audubon, local universities, retirement and nature centers), and RSCF's board members served as academic advisors for graduate-level university students. During 2012, 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).

#### *The Last Egret* Book Project—South Florida Public Schools

During 2012, RSCF, in collaboration with the Miami Foundation and its many contributors and funders, helped place the award-winning book, *The Last Egret*, into the 4<sup>th</sup>-grade curriculum across Broward County and Miami-Dade School Districts. *The Last Egret*, along with a comprehensive curriculum and television documentary purposefully designed around the book, provide all 4<sup>th</sup> graders with an engaging and exciting medium to learn reading, Florida history, environmental science, geography, Native American language and culture, and a powerful conservation message that directly affects south Florida.

The storyline of the book takes place in the Florida Everglades in the late 19<sup>th</sup> Century, and chronicles the real-life story of several pioneer children and their Seminole friend who discovered the far-reaching impacts of migratory-bird plume hunting. The book was written by a descendant of the real-life participants, Harvey Oyer III (Florida Distinguished Author for 2013), and both the text and the attached curriculum meet several dozen Sunshine State Standards and have been warmly received by teachers, media specialists and principals in the regions of Florida already utilizing the program. The books, curriculum, and television documentary are provided free-of-charge to the public school districts for use in all 4<sup>th</sup> grade classrooms as part of their permanent curriculum.

To learn more about the book, please visit [www.theadventuresofcharliepierce.com](http://www.theadventuresofcharliepierce.com).

### 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 the American Federation of Aviculture's journal *Watchbird*, The World Parrot Trust's *Psittascene*, and the Loro Parque Fundacion's *Cyanopsitta*. 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](http://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. 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. RSCF staff also presented at several local educational venues (public libraries, Earth Day celebrations, Palm Beach Zoo support groups, Audubon Society meetings, zoological society meetings, university lectures) and participated in documentary filming for the PBS *Nature* series. 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 reprints and listings for the 2012 calendar year.

## 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 2012, a number of construction and modification projects were completed, including:

- Remodeling of parrot-rearing nursery, with multiple, custom-manufactured incubators, brooders, food prep/sanitation area and weaning/fledging enclosures.
- Expanded pygmy marmoset breeding enclosures and parrot fledgling enclosures
- Expanded workshop for construction projects, maintenance and equipment repair
- Expanded outreach and educational facilities for the students, interns, and the public
- Continuation of full-time, on-site veterinarian

*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.

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. 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.

**Mark P. Davis, DVM, University of Georgia (Veterinary Medicine).** Specializing in exotic large mammal/hoofstock medicine and husbandry. Raised in Congo, Africa, and dedicated to the conservation of large African mammals.

**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, 2012 Animal collection at RSCF, maintained under USDA, USFWS, and Florida FWC licenses

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

### APPENDIX C: 2012 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)
- 10 interconnected hoofstock paddocks, with 8' gates, loading corrals, pole barns for feeding stations, troughs
- 1.5 acre mixed-species area, with 40 flights, including 12 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 incubator, weaning, evacuation and workshop rooms)
- hurricane-proof small animal breeding laboratory
- 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
- 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, 2 all-terrain vehicles, bushhog, mower, trimmer, auger, sub-soiler, hand tools, welder, specialty fencing tools, plumbing, electrical supplies, rolling stock, 2 golf carts, etc.)