

Return of Organization Exempt From Income Tax

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

2011

Open to Public
InspectionDepartment of the Treasury
Internal Revenue Service

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

A For the 2011 calendar year, or tax year beginning 2011, and ending

B Check if applicable: <input type="checkbox"/> Address change <input type="checkbox"/> Name change <input type="checkbox"/> Initial return <input type="checkbox"/> Terminated <input type="checkbox"/> Amended return <input type="checkbox"/> Application pending	C Name of organization Rare Species Conservatory Foundation		D Employer Identification Number 65-0560456
	Doing Business As		E Telephone number (561) 790-5864
	Number and street (or P.O. box if mail is not delivered to street addr) Room/suite 1222 E Road		
	City, town or country State ZIP code + 4 Loxahatchee FL 33470		G Gross receipts \$ 270,964.
F Name and address of principal officer: Paul R Reillo 1222 E Road Loxahatchee FL 33470		H(a) Is this a group return for affiliates? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No H(b) Are all affiliates included? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "No," attach a list. (see instructions)	
I Tax-exempt status <input checked="" type="checkbox"/> 501(c)(3) <input type="checkbox"/> 501(c) () (insert no.) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527	J Website: N/A		
K Form of organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other	L Year of formation: 1994 M State of legal domicile: FL		

Part I Summary

Activities & Governance	1 Briefly describe the organization's mission or most significant activities: <u>International wildlife conservation Biodiversity and habitat protection; endangered and threatened species propagation, management and recovery programs; capacity building and outreach.</u>		
	2 Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets.		
	3 Number of voting members of the governing body (Part VI, line 1a)	3	5
	4 Number of independent voting members of the governing body (Part VI, line 1b)	4	5
Revenue	5 Total number of individuals employed in calendar year 2011 (Part V, line 2a)	5	9
	6 Total number of volunteers (estimate if necessary)	6	0
	7a Total unrelated business revenue from Part VIII, column (C), line 12	7a	0.
	b Net unrelated business taxable income from Form 990-T, line 34	7b	
	8 Contributions and grants (Part VIII, line 1h)	Prior Year 264,635.	Current Year 269,176.
	9 Program service revenue (Part VIII, line 2g)		
	10 Investment income (Part VIII, column (A), lines 3, 4, and 7d)	2,242.	173.
	11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)		
	12 Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12)	266,877.	269,349.
	Expenses	13 Grants and similar amounts paid (Part IX, column (A), lines 1-3)	79,846.
14 Benefits paid to or for members (Part IX, column (A), line 4)			
15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)		111,488.	116,554.
16a Professional fundraising fees (Part IX, column (A), line 11e)			
b Total fundraising expenses (Part IX, column (D), line 25) ▶ 0.			
17 Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)		91,373.	98,711.
18 Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25)		282,707.	293,946.
19 Revenue less expenses. Subtract line 18 from line 12		-15,830.	-24,597.
Net Assets or Fund Balances	20 Total assets (Part X, line 16)	Beginning of Current Year 1,491,527.	End of Year 1,468,804.
	21 Total liabilities (Part X, line 26)		1,874.
	22 Net assets or fund balances. Subtract line 21 from line 20	1,491,527.	1,466,930.

Part II Signature Block

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

Sign Here	Signature of officer Paul R. Reillo, PhD		Date 8 May 2012	
	Type or print name and title. Paul R. Reillo, PhD., FOUNDATION PRESIDENT			
Paid Preparer Use Only	Print/Type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed PTIN
	Robert J Thomas	Robert J Thomas	05/07/12	P00337434
	Firm's name ▶ Mark Brechbill, CPAs			
	Firm's address ▶ 215 S Federal Hwy Suite 100 Stuart FL 34994	Firm's EIN ▶ 65-0714639 Phone no. (772) 220-3380		

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

BAA For Paperwork Reduction Act Notice, see the separate instructions.

TEEA0101 07/05/11

Form 990 (2011)

Return of Organization Exempt From Income Tax

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

2011

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

A For the 2011 calendar year, or tax year beginning , 2011, and ending			
B Check if applicable: <input type="checkbox"/> Address change <input type="checkbox"/> Name change <input type="checkbox"/> Initial return <input type="checkbox"/> Terminated <input type="checkbox"/> Amended return <input type="checkbox"/> Application pending	C Name of organization <u>Rare Species Conservatory Foundation</u>		D Employer Identification Number <u>65-0560456</u>
	Doing Business As		E Telephone number <u>(561) 790-5864</u>
	Number and street (or P.O. box if mail is not delivered to street addr) Room/suite <u>1222 E Road</u>		
	City, town or country State ZIP code + 4 <u>Loxahatchee FL 33470</u>		G Gross receipts \$ <u>270,964.</u>
	F Name and address of principal officer: <u>Paul R Reillo 1222 E Road Loxahatchee FL 33470</u>		
I Tax-exempt status <input checked="" type="checkbox"/> 501(c)(3) <input type="checkbox"/> 501(c) () (insert no.) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527		H(a) Is this a group return for affiliates? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No H(b) Are all affiliates included? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If 'No,' attach a list. (see instructions)	
J Website: ▶ <u>N/A</u>		H(c) Group exemption number ▶	
K Form of organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other ▶		L Year of Formation: <u>1994</u>	M State of legal domicile: <u>FL</u>

Part I Summary				
Activities & Governance	1 Briefly describe the organization's mission or most significant activities: <u>International wildlife conservation Biodiversity and habitat protection; endangered and threatened species propagation, management and recovery programs; capacity building and outreach.</u>			
	2 Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets.			
	3	Number of voting members of the governing body (Part VI, line 1a)	5	
	4	Number of independent voting members of the governing body (Part VI, line 1b)	5	
	5	Total number of individuals employed in calendar year 2011 (Part V, line 2a)	9	
	6	Total number of volunteers (estimate if necessary)	0	
	7a	Total unrelated business revenue from Part VIII, column (C), line 12	0.	
	b Net unrelated business taxable income from Form 990-T, line 34	7b		
Revenue			Prior Year	Current Year
	8	Contributions and grants (Part VIII, line 1h)	264,635.	269,176.
	9	Program service revenue (Part VIII, line 2g)		
	10	Investment income (Part VIII, column (A), lines 3, 4, and 7d)	2,242.	173.
	11	Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)		
Expenses	12	Total revenue — add lines 8 through 11 (must equal Part VIII, column (A), line 12)	266,877.	269,349.
	13	Grants and similar amounts paid (Part IX, column (A), lines 1-3)	79,846.	78,681.
	14	Benefits paid to or for members (Part IX, column (A), line 4)		
	15	Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	111,488.	116,554.
	16a	Professional fundraising fees (Part IX, column (A), line 11e)		
	b	Total fundraising expenses (Part IX, column (D), line 25) ▶ <u>0.</u>		
	17	Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)	91,373.	98,711.
	18	Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25)	282,707.	293,946.
	19	Revenue less expenses. Subtract line 18 from line 12	-15,830.	-24,597.
Net Assets or Fund Balances			Beginning of Current Year	End of Year
	20	Total assets (Part X, line 16)	1,491,527.	1,468,804.
	21	Total liabilities (Part X, line 26)		1,874.
	22	Net assets or fund balances. Subtract line 21 from line 20	1,491,527.	1,466,930.

Part II Signature Block				
Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.				
Sign Here	Signature of officer		Date	
	Type or print name and title.			
Paid Preparer Use Only	Print/Type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed PTIN
	<u>Robert J Thomas</u>		<u>05/07/12</u>	<u>P00337434</u>
	Firm's name ▶ <u>Mark Brechbill, CPAs</u>			
	Firm's address ▶ <u>215 S Federal Hwy Suite 100</u> <u>Stuart FL 34994</u>	Firm's EIN ▶ <u>65-0714639</u> Phone no. <u>(772) 220-3380</u>		

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

Part III Statement of Program Service AccomplishmentsCheck 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

If 'Yes,' describe these new services on Schedule O.

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

If 'Yes,' describe these changes on Schedule O.

4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations and section 4947(a)(1) trusts are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.**4a** (Code:) (Expenses \$ 212,718. 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 \$ 78,681. 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 **▶** 291,399.

Part IV Checklist of Required Schedules

	Yes	No
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If 'Yes,' complete Schedule A	1	X
2 Is the organization required to complete Schedule B, Schedule of Contributors (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? If 'Yes,' complete Schedule C, Part I	3	X
4 Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? If 'Yes,' complete Schedule C, Part II	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? If 'Yes,' complete Schedule C, Part III	5	
6 Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? If 'Yes,' complete Schedule D, Part I	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? If 'Yes,' complete Schedule D, Part II	7	X
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? If 'Yes,' complete Schedule D, Part III	8	X
9 Did the organization report an amount in Part X, line 21; serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services? If 'Yes,' complete Schedule D, Part IV	9	X
10 Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? If 'Yes,' complete Schedule D, Part V	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? If 'Yes,' complete Schedule D, Part VI	11a	X
b Did the organization report an amount for investments— other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? If 'Yes,' complete Schedule D, Part VII	11b	X
c Did the organization report an amount for investments— program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? If 'Yes,' complete Schedule D, Part VIII	11c	X
d Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? If 'Yes,' complete Schedule D, Part IX	11d	X
e Did the organization report an amount for other liabilities in Part X, line 25? If 'Yes,' complete Schedule D, Part X	11e	X
f Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? If 'Yes,' complete Schedule D, Part X	11f	X
12a Did the organization obtain separate, independent audited financial statements for the tax year? If 'Yes,' complete Schedule D, Parts XI, XII, and XIII	12a	X
b Was the organization included in consolidated, independent audited financial statements for the tax year? If 'Yes,' and if the organization answered 'No' to line 12a, then completing Schedule D, Parts XI, XII, and XIII is optional	12b	X
13 Is the organization a school described in section 170(b)(1)(A)(ii)? If 'Yes,' complete Schedule E	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? If 'Yes,' complete Schedule F, Parts I and IV	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? If 'Yes,' complete Schedule F, Parts II and IV	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? If 'Yes,' complete Schedule F, Parts III and IV	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? If 'Yes,' complete Schedule G, Part I (see instructions)	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? If 'Yes,' complete Schedule G, Part II	18	X
19 Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If 'Yes,' complete Schedule G, Part III	19	X
20 a Did the organization operate one or more hospital facilities? If 'Yes,' complete Schedule H	20	X
b If 'Yes' to line 20a, did the organization attach a copy of its audited financial statements to this return?	20b	

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? If 'Yes,' complete Schedule I, Parts I and II	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? If 'Yes,' complete Schedule I, Parts I and III	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? If 'Yes,' complete Schedule J	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? If 'Yes,' answer lines 24b through 24d and complete Schedule K. If 'No,' go to line 25	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 Section 501(c)(3) and 501(c)(4) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? If 'Yes,' complete Schedule L, Part 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? If 'Yes,' complete Schedule L, Part I	25b		X
26 Was a loan to or by a current or former officer, director, trustee, key employee, highly compensated employee, or disqualified person outstanding as of the end of the organization's tax year? If 'Yes,' complete Schedule L, Part II	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? If 'Yes,' complete Schedule L, Part III	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? If 'Yes,' complete Schedule L, Part IV	28a		X
b A family member of a current or former officer, director, trustee, or key employee? If 'Yes,' complete Schedule L, Part IV	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? If 'Yes,' complete Schedule L, Part IV	28c		X
29 Did the organization receive more than \$25,000 in non-cash contributions? If 'Yes,' complete Schedule M	29		X
30 Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? If 'Yes,' complete Schedule M	30		X
31 Did the organization liquidate, terminate, or dissolve and cease operations? If 'Yes,' complete Schedule N, Part I	31		X
32 Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? If 'Yes,' complete Schedule N, Part II	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? If 'Yes,' complete Schedule R, Part I	33		X
34 Was the organization related to any tax-exempt or taxable entity? If 'Yes,' complete Schedule R, Parts II, III, IV, and V, line 1	34		X
35a Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a		X
b Did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? If 'Yes,' complete Schedule R, Part V, line 2	35b		X
36 Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? If 'Yes,' complete Schedule R, Part V, line 2	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? If 'Yes,' complete Schedule R, Part VI	37		X
38 Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11 and 19? Note. All Form 990 filers are required to complete Schedule O	38	X	

BAA

Form 990 (2011)

Part V Statements Regarding Other IRS Filings and Tax ComplianceCheck if Schedule O contains a response to any question in this Part V ☐

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

	Yes	No
1 a Enter the number of voting members of the governing body at the end of the tax year 1 a 5 If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O.		
b Enter the number of voting members included in line 1a, above, who are independent 1 b 5		
2 Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee or key employee? 2		X
3 Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors or trustees, or key employees to a management company or other person? 3		X
4 Did the organization make any significant changes to its governing documents since the prior Form 990 was filed? 4		X
5 Did the organization become aware during the year of a significant diversion of the organization's assets? 5		X
6 Did the organization have members or stockholders? 6		X
7 a 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? 7 a		X
b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or other persons other than the governing body? 7 b		X
8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following:		
a The governing body? 8 a	X	
b Each committee with authority to act on behalf of the governing body? 8 b	X	
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. 9		

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

	Yes	No
10 a Did the organization have local chapters, branches, or affiliates? 10 a		X
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? 10 b		
11 a Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form? 11 a	X	
b Describe in Schedule O the process, if any, used by the organization to review this Form 990.		
12 a Did the organization have a written conflict of interest policy? If 'No,' go to line 13 12 a	X	
b Were officers, directors or trustees, and key employees required to disclose annually interests that could give rise to conflicts? 12 b	X	
c Did the organization regularly and consistently monitor and enforce compliance with the policy? If 'Yes,' describe in Schedule O how this is done 12 c	X	
13 Did the organization have a written whistleblower policy? 13	X	
14 Did the organization have a written document retention and destruction policy? 14	X	
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 15 a		X
b Other officers of key employees of the organization 15 b		X
If 'Yes' to line 15a or 15b, describe the process in Schedule O. (See instructions.)		
16 a Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year? 16 a		X
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? 16 b		

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 ☒ Upon request

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 ContractorsCheck 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 (describe hours for related organizations in Schedule O)	(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 (describe hours for related organizations in Sch O)	(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) _____										
1 b Sub-total								0.	0.	0.
c Total from continuation sheets to Part VII, Section A										
d Total (add lines 1b and 1c)								0.	0.	0.

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization ▶ 0

3 Did the organization list any **former** officer, director or trustee, key employee, or highest compensated employee on line 1a? If 'Yes,' complete Schedule J for such individual

	Yes	No
3		X
4		X
5		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? If 'Yes' complete Schedule J for such individual

5 Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? If 'Yes,' complete Schedule J for such person

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 ▶ 0

Part VIII Statement of Revenue

			(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512, 513, or 514
CONTRIBUTIONS, GIFTS, GRANTS AND OTHER SIMILAR AMOUNTS	1 a Federated campaigns	1 a				
	b Membership dues	1 b				
	c Fundraising events	1 c				
	d Related organizations	1 d				
	e Government grants (contributions)	1 e				
	f All other contributions, gifts, grants, and similar amounts not included above	1 f	269,176.			
	g Noncash contributions included in lns 1a-1f: \$		100.			
	h Total. Add lines 1a-1f		269,176.			
PROGRAM SERVICE REVENUE	2 a Business Code					
	b					
	c					
	d					
	e					
	f All other program service revenue					
	g Total. Add lines 2a-2f					
	OTHER REVENUE	3 Investment income (including dividends, interest and other similar amounts)		1,788.	0.	0.
4 Income from investment of tax-exempt bond proceeds						
5 Royalties						
6 a Gross rents						
b Less: rental expenses						
c Rental income or (loss)						
d Net rental income or (loss)						
7 a Gross amount from sales of assets other than inventory						
b Less: cost or other basis and sales expenses						
c Gain or (loss)						
d Net gain or (loss)		-1,615.	-1,615.	0.	0.	
8 a Gross income from fundraising events (not including \$						
of contributions reported on line 1c). See Part IV, line 18						
b Less: direct expenses						
c Net income or (loss) from fundraising events						
9 a Gross income from gaming activities. See Part IV, line 19						
b Less: direct expenses						
c Net income or (loss) from gaming activities						
10 a Gross sales of inventory, less returns and allowances						
b Less: cost of goods sold						
c Net income or (loss) from sales of inventory						
Miscellaneous Revenue		Business Code				
11 a						
b						
c						
d All other revenue						
e Total. Add lines 11a-11d						
12 Total revenue. See instructions			269,349.	-1,615.	0.	1,788.

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) but are not required to complete columns (B), (C), and (D).

Check if Schedule O contains a response to any question in this Part IX. ☒

<i>Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.</i>	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to 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	78,681.	78,681.		
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	107,893.	107,893.	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	8,661.	8,661.	0.	0.
11 Fees for services (non-employees):				
a Management				
b Legal				
c Accounting	1,910.	0.	1,910.	0.
d Lobbying				
e Professional fundraising services. See Part IV, line 17				
f Investment management fees				
g Other				
12 Advertising and promotion				
13 Office expenses	633.	236.	397.	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	3,215.	3,215.	0.	0.
23 Insurance	1,848.	1,848.	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 Feed and Supplies	46,793.	46,793.	0.	0.
b Utilities and Fuel	7,542.	7,542.	0.	0.
c Development and Education	6,765.	6,765.	0.	0.
d Communications	2,370.	2,370.	0.	0.
e All other expenses	27,635.	27,395.	240.	0.
25 Total functional expenses. Add lines 1 through 24e	293,946.	291,399.	2,547.	0.
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720)				

Part X Balance Sheet

		(A) Beginning of year		(B) End of year
ASSETS	1 Cash – non-interest-bearing	138,152.	1	100,821.
	2 Savings and temporary cash investments	409,191.	2	428,740.
	3 Pledges and grants receivable, net		3	
	4 Accounts receivable, net		4	
	5 Receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L		5	
	6 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)		6	
	7 Notes and loans receivable, net		7	
	8 Inventories for sale or use		8	
	9 Prepaid expenses and deferred charges		9	
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a 952,186.		
	b Less: accumulated depreciation	10b 31,825.	925,191.	10c 920,361.
	11 Investments – publicly traded securities	18,493.	11	18,382.
	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 Total assets. Add lines 1 through 15 (must equal line 34)	1,491,527.	16	1,468,804.	
LIABILITIES	17 Accounts payable and accrued expenses		17	1,874.
	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 Payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L		22	
	23 Secured mortgages and notes payable to unrelated third parties		23	
	24 Unsecured notes and loans payable to unrelated third parties		24	
	25 Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D ..		25	
	26 Total liabilities. Add lines 17 through 25	0.	26	1,874.
NET ASSETS OR FUND BALANCES	Organizations that follow SFAS 117, check here <input checked="" type="checkbox"/> and complete lines 27 through 29 and lines 33 and 34.			
	27 Unrestricted net assets	1,491,527.	27	1,466,930.
	28 Temporarily restricted net assets		28	
	29 Permanently restricted net assets		29	
	Organizations that do not follow SFAS 117, 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	1,491,527.	33	1,466,930.
34 Total liabilities and net assets/fund balances	1,491,527.	34	1,468,804.	

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Form 990 (2011)

Part XI Reconciliation of Net AssetsCheck 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	269,349.
2	Total expenses (must equal Part IX, column (A), line 25)	2	293,946.
3	Revenue less expenses. Subtract line 2 from line 1	3	-24,597.
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	1,491,527.
5	Other changes in net assets or fund balances (explain in Schedule O)	5	
6	Net assets or fund balances at end of year. Combine lines 3, 4, and 5 (must equal Part X, line 33, column (B))	6	1,466,930.

Part XII Financial Statements and ReportingCheck 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.		
2a	Were the organization's financial statements compiled or reviewed by an independent accountant?		X
2b	Were the organization's financial statements audited by an independent accountant?		X
2c	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.		
d	d If 'Yes' to line 2a or 2b, check a box below to indicate whether the financial statements for the year were issued 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		
3a	3a 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
3b	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 (2011)

SCHEDULE A
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

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

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

OMB No. 1545-0047

2011

Open to Public Inspection

Name of the organization

Rare Species Conservatory Foundation

Employer identification number

65-0560456

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 — Other

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?

- (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?
- (ii) A family member of a person described in (i) above?
- (iii) A 35% controlled entity of a person described in (i) or (ii) above?

	Yes	No
11 g (i)		
11 g (ii)		
11 g (iii)		

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 support
			Yes	No	Yes	No	Yes	No	
(A)									
(B)									
(C)									
(D)									
(E)									
Total									

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

Schedule A (Form 990 or 990-EZ) 2011

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) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any 'unusual grants'.)	78,806.	372,003.	149,709.	264,635.	207,101.	1,072,254.
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 Total. Add lines 1 through 3	78,806.	372,003.	149,709.	264,635.	207,101.	1,072,254.
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) ...						244,625.
6 Public support. Subtract line 5 from line 4						827,629.

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
7 Amounts from line 4	78,806.	372,003.	149,709.	264,635.	207,101.	1,072,254.
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	15,395.	6,758.	1,327.	2,242.	1,788.	27,510.
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 Total support. Add lines 7 through 10						1,099,764.
12 Gross receipts from related activities, etc (see instructions)	12					
13 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here						<input type="checkbox"/>

Section C. Computation of Public Support Percentage

14 Public support percentage for 2011 (line 6, column (f) divided by line 11, column (f))	14	75.26%
15 Public support percentage from 2010 Schedule A, Part II, line 14	15	62.47%
16a 33-1/3% support test – 2011. If the organization did not check the box on line 13, and the line 14 is 33-1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization	<input checked="" type="checkbox"/>	
b 33-1/3% support test – 2010. If the organization did not check a box on line 13 or 16a, and line 15 is 33-1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization	<input type="checkbox"/>	
17a 10%-facts-and-circumstances test – 2011. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the 'facts-and-circumstances' test, check this box and stop here. Explain in Part IV how the organization meets the 'facts-and-circumstances' test. The organization qualifies as a publicly supported organization	<input type="checkbox"/>	
b 10%-facts-and-circumstances test – 2010. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the 'facts-and-circumstances' test, check this box and stop here. Explain in Part IV how the organization meets the 'facts-and-circumstances' test. The organization qualifies as a publicly supported organization	<input type="checkbox"/>	
18 Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions	<input type="checkbox"/>	

BAA

Schedule A (Form 990 or 990-EZ) 2011

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) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
1 Gifts, grants, contributions and membership fees received. (Do not include any 'unusual grants.')						
2 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						
3 Gross receipts from activities that are not an unrelated trade or business under section 513 ..						
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 Total. Add lines 1 through 5						
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						
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						
c Add lines 7a and 7b						
8 Public support (Subtract line 7c from line 6.)						

Section B. Total Support

Calendar year (or fiscal yr beginning in) ▶	(a) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
9 Amounts from line 6						
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975 ..						
c Add lines 10a and 10b						
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part IV.)						
13 Total support. (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						<input type="checkbox"/>

Section C. Computation of Public Support Percentage

15 Public support percentage for 2011 (line 8, column (f) divided by line 13, column (f))	15	%
16 Public support percentage from 2010 Schedule A, Part III, line 15	16	%

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2011 (line 10c, column (f) divided by line 13, column (f))	17	%
18 Investment income percentage from 2010 Schedule A, Part III, line 17	18	%
19a 33-1/3% support tests – 2011. 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	<input type="checkbox"/>	
b 33-1/3% support tests – 2010. 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	<input type="checkbox"/>	
20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions	<input type="checkbox"/>	

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

2011

Name of the organization

Rare Species Conservatory Foundation

Employer identification number

65-0560456

Organization type (check one):

Filers of:

Form 990 or 990-EZ

Section:

- ☒ 501(c)(3) (enter number) organization
☐ 4947(a)(1) nonexempt charitable trust **not** treated as a private foundation
☐ 527 political organization

Form 990-PF

- ☐ 501(c)(3) exempt private foundation
☐ 4947(a)(1) nonexempt charitable trust treated as a private foundation
☐ 501(c)(3) taxable private foundation

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

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

General Rule

- ☒ For an organization filing Form 990, 990-EZ, or 990-PF that received, during the year, \$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, 990-EZ, or 990-PF.

Schedule B (Form 990, 990-EZ, or 990-PF) (2011)

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 Beach FL 33139	\$ 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	Caroline Stahala Florida State University Biological Sciences Tallahassee FL 32306	\$ 7,300.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
3	Hufty Foundation PO Box 2710 Palm Beach FL 33480	\$ 11,100.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
4	White Oak Conversation Center, Inc 1615 Riverside Avenue Jacksonville FL 32204	\$ 57,500.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
5	Mr. Kenneth K. Coe 19 Pembroke Road Darien CT 06820	\$ 10,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
6	U.S. Fish and Wildlife Service 4401 N Fairfax Drive, Suite 100 Arlington VA 22203	\$ 49,610.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)

**SCHEDULE D
(Form 990)**

Department of the Treasury
Internal Revenue Service

Name of the organization

Supplemental Financial Statements

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

OMB No. 1545-0047

2011

**Open to Public
Inspection**

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.

	(a) Donor advised funds	(b) Funds and other accounts
1 Total number at end of year		
2 Aggregate contributions to (during year)		
3 Aggregate grants from (during year)		
4 Aggregate value at end of year		

5 Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control? ☐ Yes ☐ No

6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit? ☐ Yes ☐ No

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

1 Purpose(s) of conservation easements held by the organization (check all that apply).

<input type="checkbox"/> Preservation of land for public use (e.g., recreation or education)	<input type="checkbox"/> Preservation of an historically important land area
<input type="checkbox"/> Protection of natural habitat	<input type="checkbox"/> Preservation of a certified historic structure
<input type="checkbox"/> Preservation of open space	

2 Complete lines 2a through 2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year.

	Held at the End of the Tax Year
a Total number of conservation easements	2a
b Total acreage restricted by conservation easements	2b
c Number of conservation easements on a certified historic structure included in (a)	2c
d Number of conservation easements included in (c) acquired after 8/17/06, and not on a historic structure listed in the National Register	2d

3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year ►

4 Number of states where property subject to conservation easement is located ►

5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds? ☐ Yes ☐ No

6 Staff and volunteer hours devoted to monitoring, inspecting, and enforcing conservation easements during the year ►

7 Amount of expenses incurred in monitoring, inspecting, and enforcing conservation easements during the year ► \$

8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)? ☐ Yes ☐ No

9 In Part XIV, describe how the organization reports conservation easements in its revenue and expense statement, and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements.

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.

a If the organization elected, as permitted under SFAS 116 (ASC 958), not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIV, the text of the footnote to its financial statements that describes these items.

b If the organization elected, as permitted under SFAS 116 (ASC 958), to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items:

(i) Revenues included in Form 990, Part VIII, line 1 ► \$

(ii) Assets included in Form 990, Part X ► \$

2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 (ASC 958) relating to these items:

a Revenues included in Form 990, Part VIII, line 1 ► \$

b Assets included in Form 990, Part X ► \$

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 ☐ d Loan or exchange programs
☐ b Scholarly research ☐ e Other _____
☐ c Preservation for future generations

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

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 XIV 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 XIV.

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

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

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

a Board designated or quasi-endowment ☐ %

b Permanent endowment ☐ %

c Temporarily restricted endowment ☐ %

The percentages in lines 2a, 2b, and 2c should equal 100%.

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

(i) unrelated organizations

(ii) related organizations

	Yes	No
3a(i)		
3a(ii)		
3b		

b If 'Yes' to 3a(ii), are the related organizations listed as required on Schedule R?

4 Describe in Part XIV 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.		5,239.	9,761.
c Leasehold improvements				
d Equipment	24,403.		21,105.	3,298.
e Other	7,575.		5,481.	2,094.
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10(c).)				920,361.

BAA

Schedule D (Form 990) 2011

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) -----		
Total. (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)		
Total. (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)	
Total. (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)	
Total. (Column (b) must equal Form 990, Part X, column (B) line 25.) ... ▶	

2 FIN 48 (ASC 740) Footnote. In Part XIV, 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).

Part XI Reconciliation of Change in Net Assets from Form 990 to Audited Financial Statements

1	Total revenue (Form 990, Part VIII, column (A), line 12)	
2	Total expenses (Form 990, Part IX, column (A), line 25)	
3	Excess or (deficit) for the year. Subtract line 2 from line 1	
4	Net unrealized gains (losses) on investments	
5	Donated services and use of facilities	
6	Investment expenses	
7	Prior period adjustments	
8	Other (Describe in Part XIV.)	
9	Total adjustments (net). Add lines 4 through 8	
10	Excess or (deficit) for the year per audited financial statements. Combine lines 3 and 9	

Part XII Reconciliation of Revenue per Audited Financial Statements With Revenue per Return

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

Part XIII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return

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

Part XIV Supplemental Information

Complete this part to provide the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; Part IV, lines 1b and 2b; Part V, line 4; Part X, line 2; Part XI, line 8; Part XII, lines 2d and 4b; and Part XIII, lines 2d and 4b. Also complete this part to provide any additional information.

Area with horizontal dashed lines for supplemental information.

Schedule F
(Form 990)

Department of the Treasury
Internal Revenue Service

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.

OMB No. 1545-0047

2011

**Open to Public
Inspection**

Name of the organization

Rare Species Conservatory Foundation

Employer identification number

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	36,169.
(2) South America	0	0	Program Service	See Scheule F - Part V	512.
(3) Sub-Saharan Africa	0	0	Program Service	See Schedule F - Part V	42,000.
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					
(11)					
(12)					
(13)					
(14)					
(15)					
(16)					
(17)					
3a Sub-total	0	0			78,681.
b Total from continuation sheets to Part I					
c Totals (add lines 3a and 3b)	0	0			78,681.

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. Check this box if no one recipient 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)			Central America	Wildlife Resear	36,169.	Wire / checks			
(2)			Sub-Saharan Africa	Wildlife Resear	30,000.	Wire Transfer			
(3)									
(4)									
(5)									
(6)									
(7)									
(8)									
(9)									
(10)									
(11)									
(12)									
(13)									
(14)									
(15)									
(16)									

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

3 Enter total number of other organizations or entities 1

Part III

Grants and Other Assistance to Individuals Outside the United States. Complete if the organization answered 'Yes' 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) Matthew Shirley graduate dissertation re	Sub-Saharan Africa	1	12,000.	checks			
(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 (E.G. U.S. Fish and Wildlife Service)

Rare Species Conservatory Foundation

Schedule F (Form 990) 2011, Part V - Continued

Central America/Caribbean

Dominica: Expended \$2637 (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) \$1500 (wire transfer) to Dominica's Forestry, Wildlife and Parks Division for implementation of the 2011 Caribbean Endemic Birds Festival, an annual, community-based outreach program to educate children and the general public about avian conservation, ecology, and natural resource protection.
- (2) \$2200 (via check) to the Society for the Conservation and Study of Caribbean Birds, to partially sponsor Dominican delegate participation at a seabird monitoring workshop and the SCSCB national meeting in the Bahamas.

Other support comprised \$14,000 (via check) for purchase of an RV (+\$4367 shipping costs, via credit card) to establish a mobile wildlife laboratory for Dominica's Forestry, Wildlife and Parks Division, housed at the Parrot Conservation and Research Centre, Botanical Gardens, Roseau. Vehicle was purchased in Florida and shipped with a special-consideration rate by Tropical Shipping in West Palm Beach, FL.

Bahamas: Expended \$1310 for solar electric-fence controllers, \$636 for misc. hardware + \$187 shipping (\$2133 total, via check and credit card) for purchase and delivery of predator-exclusion fences to benefit the Bahamas parrot, through RSCF's partnership with the Bahamas National Trust.

Expended \$9332 (via check) for Florida purchase of a field vehicle for parrot monitoring by RSCF Research Associate Caroline Stahala, with the Bahamas National Trust. BNT covered all shipping costs from Florida to Abaco, Bahamas.

South America

Brazil: \$512.25 (via credit card) for the purchase of mammalian tuberculosis test kits for the Curitiba Zoo and a nearby NGO, Associação de Pesquisa e Conservação da Vida Silvestre. RSCF is partnered with both organizations on the conservation of priority Brazilian wildlife species. The kits were hand-delivered by the Director of the World Parrot Trust (Dr. J. Gilardi), who was visiting Brazil.

Rare Species Conservatory Foundation

Schedule F (Form 990) 2011, Part V - Continued

Sub-Saharan Africa

Kenya: \$10,000 grant (via wire transfer) to Rhino Ark Charitable Trust to assist in the purchase of a replacement field vehicle for the Bongo Surveillance Program. This program coordinates bongo antelope population management, field monitoring, community outreach, 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: \$32,000 dispersed 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. \$20,000 was distributed via wire transfer to the Wildlife Conservation Society—Gabon, and \$12,000 via check to Mr. Shirley directly, for work in Gabon, DRC and at the University of Florida. Shirley's research program is 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).

SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

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

OMB No. 1545-0047

2011

**Open to Public
Inspection**

Name of the organization

Rare Species Conservatory Foundation

Employer identification number

65-0560456

Pt VI, Line 11a 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

Rare Species Conservatory Foundation

Employer identification number

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)

2011

Attachment
Sequence No. 179Department of the Treasury
Internal Revenue Service (99)

▶ See separate instructions. ▶ Attach to your tax return.

Name(s) shown on return

Rare Species Conservatory Foundation

Identifying number

65-0560456

Business or activity to which this form relates

Form 990 / Form 990EZ

Part I Election To Expense Certain Property Under Section 179

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

1	Maximum amount (see instructions)	1	
2	Total cost of section 179 property placed in service (see instructions)	2	
3	Threshold cost of section 179 property before reduction in limitation (see instructions)	3	
4	Reduction in limitation. Subtract line 3 from line 2. If zero or less, enter -0-	4	
5	Dollar limitation for tax year. Subtract line 4 from line 1. If zero or less, enter -0-. If married filing separately, see instructions	5	
6	(a) Description of property	(b) Cost (business use only)	(c) Elected cost
7	Listed property. Enter the amount from line 29	7	
8	Total elected cost of section 179 property. Add amounts in column (c), lines 6 and 7	8	
9	Tentative deduction. Enter the smaller of line 5 or line 8	9	
10	Carryover of disallowed deduction from line 13 of your 2010 Form 4562	10	
11	Business income limitation. Enter the smaller of business income (not less than zero) or line 5 (see instrs)	11	
12	Section 179 expense deduction. Add lines 9 and 10, but do not enter more than line 11	12	
13	Carryover of disallowed deduction to 2012. Add lines 9 and 10, less line 12	13	

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.) (See instructions.)

14	Special depreciation allowance for qualified property (other than listed property) placed in service during the tax year (see instructions)	14	
15	Property subject to section 168(f)(1) election	15	
16	Other depreciation (including ACRS)	16	

Part III MACRS Depreciation (Do not include listed property.) (See instructions.)**Section A**

17	MACRS deductions for assets placed in service in tax years beginning before 2011	17	3,215.
18	If you are electing to group any assets placed in service during the tax year into one or more general asset accounts, check here		

Section B — Assets Placed in Service During 2011 Tax Year Using the General Depreciation System

(a) Classification of property	(b) Month and year placed in service	(c) Basis for depreciation (business/investment use only — see instructions)	(d) Recovery period	(e) Convention	(f) Method	(g) Depreciation deduction
19a 3-year property						
b 5-year property						
c 7-year property						
d 10-year property						
e 15-year property						
f 20-year property						
g 25-year property			25 yrs		S/L	
h Residential rental property			27.5 yrs	MM	S/L	
i Nonresidential real property			39 yrs	MM	S/L	

Section C — Assets Placed in Service During 2011 Tax Year Using the Alternative Depreciation System

20a Class life				S/L	
b 12-year		12 yrs		S/L	
c 40-year		40 yrs	MM	S/L	

Part IV Summary (See instructions.)

21	Listed property. Enter amount from line 28	21	
22	Total. Add amounts from line 12, lines 14 through 17, lines 19 and 20 in column (g), and line 21. Enter here and on the appropriate lines of your return. Partnerships and S corporations — see instructions	22	3,215.
23	For assets shown above and placed in service during the current year, enter the portion of the basis attributable to section 263A costs	23	

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.)

24a Do you have evidence to support the business/investment use claimed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	24b If 'Yes,' is the evidence written?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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(a) Type of property (list vehicles first)	(b) Date placed in service	(c) Business/ investment use percentage	(d) Cost or other basis	(e) Basis for depreciation (business/investment use only)	(f) Recovery period	(g) Method/ Convention	(h) Depreciation deduction	(i) Elected section 179 cost
25 Special depreciation allowance for qualified listed property placed in service during the tax year and used more than 50% in a qualified business use (see instructions)							25	
26 Property used more than 50% in a qualified business use:								
27 Property used 50% or less in a qualified business use:								
28 Add amounts in column (h), lines 25 through 27. Enter here and on line 21, page 1							28	
29 Add amounts in column (i), line 26. Enter here and on line 7, page 1								29

Section B – Information on Use of Vehicles

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

[illegible]

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).

37	Do you maintain a written policy statement that prohibits all personal use of vehicles, including commuting, by your employees?	Yes	No
38	Do you maintain a written policy statement that prohibits personal use of vehicles, except commuting, by your employees? See the instructions for vehicles used by corporate officers, directors, or 1% or more owners		
39	Do you treat all use of vehicles by employees as personal use?		
40	Do you provide more than five vehicles to your employees, obtain information from your employees about the use of the vehicles, and retain the information received?		
41	Do you meet the requirements concerning qualified automobile demonstration use? (See instructions.)		
Note: If your answer to 37, 38, 39, 40, or 41 is 'Yes,' do not complete Section B for the covered vehicles.			

Part VI	Amortization
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(a) Description of costs	(b) Date amortization begins	(c) Amortizable amount	(d) Code section	(e) Amortization period or percentage	(f) Amortization for this year
42 Amortization of costs that begins during your 2011 tax year (see instructions):					
43 Amortization of costs that began before your 2011 tax year					43
44 Total. Add amounts in column (f). See the instructions for where to report					44

Schedule O (Form 990 or 990-EZ), Supplemental Information to Form 990 or 990-EZ

Form 990, Page 10, Line 24e All Other Expenses (continued)

Description	(A) Total	(B) Program services	(C) Management and general	(D) Fundraising
Equipment	14,023.	14,023.	0.	0.
Postage and printing	401.	401.	0.	0.
Veterarian	1,842.	1,842.	0.	0.
License	240.	0.	240.	0.
Dues and Subscription	110.	110.	0.	0.
Real estate taxes	4,320.	4,320.	0.	0.
RSCF staff Int'l support	6,699.	6,699.	0.	0.

RARE SPECIES CONSERVATORY FOUNDATION, INC.

EIN: 65-0560456

FORM: 990

TAX YEAR: 2011

PART III: STATEMENT OF PROGRAM SERVICE ACCOMPLISHMENTS

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

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

I. 2011 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, and in 2011 five juveniles were fledged, comprising second-generation offspring from parents raised in captivity at RSCF. 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 2011, 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 2011 was geared toward an aggressive husbandry and veterinary collaboration, including expansion of the Curitiba Zoo Red-brow aviary and the latest diagnostic tests for TB and other pathogens. Ultimately, the RSCF-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. In addition, RSCF commenced a collaboration with Tampa's Lowry Park Zoo to expand *ex situ* population management and stimulate collateral, *in situ* conservation investment. Lowry Park Zoo is preparing an on-exhibit Red-brow aviary as well as an off-exhibit breeding complex to help manage and propagate Red-browed parrots, while encouraging public and institutional philanthropy for Red-brow conservation in Brazil.

The Vinaceous Amazon parrot: In 2011 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 2011 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. During 2011, the remaining founder stock at RSCF parent-reared two offspring.

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

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

A detailed summary of research findings and management recommendations can be found at www.rarespecies.org in the document entitled "Mountain Bongo Research Summary", compiled by former Research Associate Lyndon Estes. Current program expansion includes enhancing surveillance capacity for the BSP, providing direct support for the Bongo Program Coordinator 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 2011, RSCF contributed \$10,000 toward the acquisition of a new field vehicle for the BSP, and Dr. Amato completed the laboratory protocol for the bongo genetic analysis, producing species-specific bongo primers and markers and a microsatellite reference library.

Florida Bongo Ranching Program: During 2011, RSCF coordinated 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.

Other in-house projects: During 2011, 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*). 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 2011, 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 2011, 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 nearly 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.

II. 2011 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 as a vital management outpost for the park.

During 2011, 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 11-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 2011 Caribbean Endemic Birds Festival.

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).

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 2011). 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 2010 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, maniocou (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):

- 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 2011, the Ministry expanded support to the Western Farmers Citrus Association, and turned over 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 are developing business plans 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 2011 research includes 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 (see summary report in Research Associates section, below). During 2011, RSCF's support for the conservation effort included procuring solar-powered predator-exclusion fencing for established, natural nest cavities, and a fresh field vehicle. RSCF and Stahala coordinate all parrot conservation activities on Abaco with the Bahamas National Trust. See "RSCF Research Associate Activities" below.

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 201 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:

Crocodilian 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 crocodilians (including the West African Nile crocodile, *Crocodylus niloticus*), and develops local and regional conservation and sustainable-use strategies.

Research activities were carried out both in Gabon and in the Democratic Republic of Congo during the year 2011. Nationwide surveys were carried out in two national parks and 3 unprotected sites in Gabon, as well as one protected and one future-protected area in DRC. These surveys will further facilitate the development 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. The 2011 research year was considered a great success working with local partners to develop capacity of local, African counterparts, including the Gabonese and Congolese governments (Agence National des Parcs Nationaux, Ministry and Water and Forests, CRSN – Lwiro) and NGO's in both countries (Wildlife Conservation Society, World Wildlife Fund, Lukuru Foundation).

The following presents a breakdown of zoological society and USFWS support for the current year, with respective research activities:

AZA Crocodilian Advisory Group (CAG)

Award III - \$3,500 – All expended during 2011

To date the CAG has awarded two grants to the project – one for \$1900 to be spent on telemetry supplies (in 2009) and the other for \$10,000 to be distributed annually over three years in \$3,500 installments. The \$1,900 grant was completely expended and accounted for during 2009. The first installment of the second award, \$3500, was received in December 2009 and spent throughout the 2010 year on miscellaneous supplies relating to fieldwork (e.g., capture materials, tarps, spotlight 12V battery), equipment (generator to recharge electronics in the field), operational costs (e.g., food, fuel, motor oil, and transportation to and from the field site), and transportation cost of the study craft from Franceville, Gabon to Loango National Park. The agreement with the CAG was that this funding is to be used at the discretion of M. Shirley to cover expenses incurred running the project in Gabon including (but not restricted to) transportation (to and from the field site), generator (for recharging electronics in the field), boat fuel (for surveys and triangulation), canoe and motor boat usage, and national park fees. The second installment of the award was received and used in 2011 for surveys and sampling conducted in Gabon and Democratic Republic of Congo including, but not limited to, transportation to/from field sites, fuel and field rations. This project is being conducted in collaboration with the Wildlife Conservation Society (Gabon and DRC), Lukuru Foundation (DRC), PROGRAM (Gabon), and CRSN (DR Congolese government agency responsible for natural resources and scientific research).

Oklahoma City Zoological Society – Conservation Action Now

Award - \$2,450 All expended during 2011

The Oklahoma City Zoological Society awarded M. Shirley \$2,450 to facilitate ecology and survey work for crocodiles in throughout Central Africa. The award was made in July 2010, well into the 2010 field season, and as such was not needed until 2011. The funding was spent on field operational costs, including transportation, fuel, and field rations in the Democratic Republic of Congo. This work was carried out in collaboration with Wildlife Conservation Society and the Lukuru Foundation in the Democratic Republic of Congo.

Cleveland Metroparks Zoological Society – Africa Seed Grant

Award - \$3,500 All expended during 2011

The Cleveland Metroparks Zoo awarded M. Shirley \$3,500 to facilitate ecology and survey work for crocodiles throughout Central Africa. The award was made in July 2010, well into the 2010 field season, and as such was not needed until 2011. Funding was spent on field operational costs, including transportation, fuel, and field rations in the Democratic Republic of Congo. This work was carried out in collaboration with Wildlife Conservation Society and the Lukuru Foundation in the Democratic Republic of Congo.

Riverbanks Zoo and Gardens

Award - \$5,000 All expended during 2011

The Riverbanks Zoo and Gardens awarded M. Shirley \$5,000 to facilitate ecology and evolution labwork on African crocodiles, including genetic assessment of AZA captive crocodiles. The award was made in July 2009, but the funding was not received until February 2010. Nearly \$4,500 was spent in 2011 on lab materials including master mix for PCR reactions and cycle sequencing kits. The balance of the funds was transferred to the Molecular Ecology lab in January 2012, and the remainder will be spent in a likewise fashion during 2012. This work is being

carried out in collaboration with the Molecular Ecology Lab in the Dept. of Wildlife Ecology & Conservation at the University of Florida and the AZA Crocodilian Advisory Group.

U.S. Fish and Wildlife Service

Award - \$49,610 ; \$25,539.12 disbursed during 2011

The USFWS awarded M. Shirley \$49, 610 to facilitate capacity-building in local Gabonese personnel for the study and management of crocodile and hippo populations in Gabon. The award was made in late 2010 but not actually disbursed to RSCF until April 2011. Funding spent to date has been partially on travel to Gabon for the 2011 field season, as well as initiating work with Gabonese counterparts during the 2011 field season, including training activities with local, Gabonese NGO personnel and strategic planning with *in situ* agencies. The remainder of this work will be carried out in 2012 with focus on training ANPN, WCS, WWF, and PROGRAM staff in crocodile monitoring and management methods. This work is being carried out in collaboration with the Gabonese government (Agence National des Parcs Nationaux) and NGO's in Gabon, notably PROGRAM, WCS, and WWF.

Conservation and monitoring of the Bahamas Parrot (Amazona leucocephala bahamensis) by Research Associate Caroline Stahala (Florida State University).

2011 Breeding season assessment of predator control, group behavior and supporting activities

Abaco Parrot Nesting

Fifty-five active nests were found and monitored weekly during the 2011 breeding season. Nests were found by checking nest cavities from previous years and additional nest searches. Thirty-three of 2011's active nests were new sites. An additional 65 nest cavities, which were used in previous years, were checked and found to be inactive. Breeding was initiated during the last week in May with the first active nest being found May 17th. Fledging began the second week of August. A native Bahama Mockingbird (*Mimus gundlachi*) took eggs from one monitored nest, with the breeding adults surviving. The mockingbird was detected at the nest with camera traps set up across the breeding area.

Nest and Breeding Adult Survival Rates

Abaco parrot population stability is affected by predation pressure imposed by feral cats, especially during the nesting season. Predation primarily causes the loss of breeding adults and, secondarily, loss of chicks and eggs. During 2012, predator-control efforts aimed to improve parrot survival by eliminating non-native, predatory mammals from the nesting areas throughout the nesting season.

During the 2011 breeding season none of monitored nests were impacted by non-native mammals. This contrasts with 15% of monitored nests impacted during 2010, 4% in 2009, 28% in 2003 and 27% in 2004 (Table 1). Survival of breeding females for the 2011 nesting season is estimated to be 1.0 compared to 0.85 (95% CI = 0.75 – 0.94) in 2010 (Table 1). The 2011 post predator-control value of adult survival is the highest yet recorded, with no loss of adults at the monitored nest sites.

Also of interest is overall nest success (i.e., at least one chick fledging per nest) to determine any compensatory mortality once predation pressure was removed. The probability of a nest being successful in 2003 was 0.48 and the 2011 probability of nest success was 0.81. The 2011 estimate of mean number of eggs per nest was 3.5 (SE 0.27). Productivity of successful nests in 2010 was estimated at 1.68 (SE = 0.21) chicks per nest; this value is sufficient for a viable population.

	2003	2004	2009	2010	2011
% nest predation	28%	27%	4%	15%	2%
Female Survival	--	.87	.94	.85	1.00
Nest Survival	.48	.5	.65	.69	.81
Eggs	3.55 (SE 0.25)	3.8 (SE 0.12)	3.07 (SE 0.23)	3.16 (SE 0.24)	3.5 (SE 0.27)
Brood Size	2.42 (SE 0.21)	2.39 (SE 0.12)	2.07 (SE 0.15)	2.23 (SE 0.13)	2.08 (SE 0.19)
Breeding Productivity	1.23 (SE 0.22)	0.8 (SE 0.13)	2.04 (SE 0.16)	1.40 (SE 0.16)	1.68 (SE 0.21)

Table 1: Comparison of demographic parameters of interest

Nest Boxes

Nest boxes were installed throughout south Abaco in 2008 and 2009 to provide alternative nest sites for parrots. The primary issue is whether parrots recognize arboreal cavities as suitable nest sites. Data from Inagua suggests that Abaco parrots should be able to nest in tree cavities if given an opportunity. Artificial nest boxes, such as the ones installed, provide the most noninvasive method to determine how flexible Abaco parrots are to selecting nest sites. All nest boxes were checked during the 2011 breeding season, but no nesting activity was detected.

Cameras

A set of 11 motion/ infrared cameras was set up at nest sites to determine predator presence and behavior, and to determine if raccoons were a source of the predation at nests. Memory cards were downloaded every 5-8 days. Over 4000 pictures were downloaded with images of parrots or predators. Camera footage was used to determine nests at risk of predation from feral mammals. Once a predator was seen in the nest area, the warden was notified and began intensive predator control efforts in the area. The information from these cameras is also being analyzed for a behavioral study including nest synchrony and arrival times between nearest neighbors.

Hurricane Irene

On August 25, 2011, Hurricane Irene made landfall on Abaco Island as a category 3. Parrot chicks were in the fledging stage at the time of the hurricane with at least 20 nests still active. Ten nests were checked the eve of the hurricane and rechecked on August 27th. Six of the nests still had live chicks during the re-check, one chick was observed fledging, and three nests were empty. No dead or drowned chicks were observed. No standing water was observed in any of the nest cavities.

Excluder Fencing

A set of seven electrified fence enclosures were set up around previously used nest cavities, prior to the initiation of the parrot breeding season. Of these seven sites, one nest site was not reused during 2011, one site had parrots cleaning out the cavity but not initiating nesting and five sites had nests initiated. One of the five initiated sites was predated by a Bahama Mockingbird (*Mimus gundlachii*), a native species. This was determined by reviewing the nest camera placed at this site. The remaining four nests fledged successfully.

As previously noted, 2011's predation rate was the lowest documented to date, so the effectiveness of the fences is not clear based on actual predation rates. However, nest camera footage revealed no cats at fenced nest sites, contrasting with unfenced sites which had periodic cat visitations.

III. Conservation Education Activities

In 2000, RSCF maintained relationships with domestic and international zoological institutions and agencies, and again overhauled its extensive, free-access web site (www.rarespecies.org). The site links to many conservation and environmental organizations, presents RSCF's mission and scope for all audiences, and discusses conservation initiatives in detail. The education section for children has been significantly expanded, and is now used by schoolteachers across the U.S. and internationally. The site is updated frequently, and provides access to in-house and published scientific papers and program documents. In addition, RSCF staff in 2011 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 2011, RSCF continued its joint Public Service Announcement campaign with Dominica's Forestry and Wildlife Division, through which environmental education and conservation awareness is broadcast via radio and television both in English and Creole, as well as through print media, and sponsored the annual Caribbean Endemic Birds Festival (see above).

IV. Media Development

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

RSCF partners draw upon raw material from RSCF's field research. Scientific media content is packaged for use by partners, and is seen in exhibits and educational materials suitable for diverse audiences (e.g., zoo visitors, students, professional educators, web site browsers, conservation organizations, governmental agencies). Findings are also shared with scientific colleagues through technical publications associated with *in situ* conservation initiatives, propagation and other activities. RSCF is also acutely aware of the need to expand media programs and adapt/translate materials for educators, students and researchers at field project sites. RSCF's programs and field material are featured regularly in popular print and film, in addition to scientific publications for professionals. For example, RSCF's instrumental role in creating the world's first new national park of the millennium was presented in *Wildlife Conservation*, *National Geographic*, and *Palm Beach Illustrated*. Similarly, RSCF's work has been highlighted on *CNN*, and *National Geographic Today*, and the Dominica Program was the feature story for *Jack Hanna's Animal Adventures* season premier entitled, "In Search of the Sisserou". RSCF regularly contributes feature articles and research papers to 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 will reach U.S. markets by late 2010. During 2006, RSCF participated in a novel, mini-documentary website campaign sponsored by Lincoln-Mercury and Amazon.com, entitled "My Dream". See www.mydream.tv and the submenu "Give Back" / "Conserve an Endangered Species" to view the film and profile about RSCF programs. During 2010, RSCF trustee Mark Davis, DVM compiled, directed and produced the wildlife documentary film "Horns of Hope" highlighting 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. 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 2011 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 2011, a number of construction and modification projects were completed, including:

- Expansion 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 meeting facilities
- 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 Ekliv 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/hofstock 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, 2011 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)	
32 <i>Cebuella pygmaea</i> (Pygmy marmoset)	
6 <i>Aratinga guarouba</i> (Golden conure)	
1 <i>Amazona imperialis</i> (Imperial parrot)	
	1 <i>Derophtus accipitrinus fuscifrons</i> (Brazilian hawkheaded parrot)
	4 <i>Derophtus 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: 2011 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.
- 6 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 Eklin 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.)