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Form 990



Department of the Treasury
Internal Revenue Service

Return of Organization Exempt From Income Tax

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

▶ Do not enter social security numbers on this form as it may be made public

▶ Information about Form 990 and its instructions is at www.irs.gov/form990

OMB No 1545-0047

2014

Open to Public Inspection

A For the 2014 calendar year, or tax year beginning 01-01-2014 , and ending 12-31-2014

B Check if applicable ☐ Address change ☐ Name change ☐ Initial return ☐ Final return/terminated ☐ Amended return ☐ Application pending	C Name of organization BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH INC		D Employer identification number 13-1739923
	Doing business as		
	Number and street (or P O box if mail is not delivered to street address)	Room/suite	E Telephone number (607) 254-1234
	City or town, state or province, country, and ZIP or foreign postal code ITHACA, NY 148531801		G Gross receipts \$ 30,437,812
	F Name and address of principal officer DAVID STERN 533 TOWER ROAD ITHACA, NY 148531801		
I Tax-exempt status ☒ 501(c)(3) ☐ 501(c) () ◀(insert no) ☐ 4947(a)(1) or ☐ 527		H(a) Is this a group return for subordinates? ☐ Yes ☒ No	
J Website: ▶ WWW BTI CORNELL EDU		H(b) Are all subordinates included? ☐ Yes ☐ No If "No," attach a list (see instructions)	
		H(c) Group exemption number ▶	

K Form of organization ☒ Corporation ☐ Trust ☐ Association ☐ Other ▶	L Year of formation 1924	M State of legal domicile NY
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Part I

Summary

Activities & Governance	1 Briefly describe the organization's mission or most significant activities THE BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC (BTI) WAS FOUNDED BY WILLIAM BOYCE THOMPSON OUT OF A CONVICTION THAT "ANY PRINCIPLES CONCERNING THE NATURE OF LIFE THAT YOU CAN ESTABLISH FOR PLANTS, WILL HELP YOU UNDERSTAND MAN, IN HEALTH AND IN DISEASE " HE ALSO SAW PLANT SCIENCE AS A MEANS OF ENDING HUNGER, THUS ULTIMATELY PROMOTING DEMOCRACY AND POLITICAL STABILITY BTI SCIENTISTS INCREASE THE UNDERSTANDING OF PLANTS FOR THE BENEFIT OF PEOPLE AND THE ENVIRONMENT, CONCENTRATING PARTICULARLY ON PLANT DEVELOPMENT, MOLECULAR PLANT MICROBE INTERACTIONS, AND MOLECULAR AND CHEMICAL ECOLOGY BTI ENVISIONS A WORLD IN WHICH NUTRITIOUS FOOD IS IN ABUNDANCE, THE ENVIRONMENT IS SECURE, AND PEOPLE LIVE FULLER, HEALTHIER LIVES THIS VISION CAN BE REALIZED IN PART THROUGH THE STUDY OF PLANT BIOLOGY AT BTI, WE STRIVE TO BE A WORLD LEADER IN PLANT BIOLOGY																								
	2 Check this box ☐ if the organization discontinued its operations or disposed of more than 25% of its net assets																								
	<table><tr><td>3 Number of voting members of the governing body (Part VI, line 1a)</td><td>3</td><td>15</td></tr><tr><td>4 Number of independent voting members of the governing body (Part VI, line 1b)</td><td>4</td><td>14</td></tr><tr><td>5 Total number of individuals employed in calendar year 2014 (Part V, line 2a)</td><td>5</td><td>205</td></tr><tr><td>6 Total number of volunteers (estimate if necessary)</td><td>6</td><td>0</td></tr><tr><td>7a Total unrelated business revenue from Part VIII, column (C), line 12</td><td>7a</td><td>0</td></tr><tr><td>b Net unrelated business taxable income from Form 990-T, line 34</td><td>7b</td><td>0</td></tr></table>	3 Number of voting members of the governing body (Part VI, line 1a)	3	15	4 Number of independent voting members of the governing body (Part VI, line 1b)	4	14	5 Total number of individuals employed in calendar year 2014 (Part V, line 2a)	5	205	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	0						
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Expenses	<table><tr><td>13 Grants and similar amounts paid (Part IX, column (A), lines 1–3)</td><td>1,756,549</td><td>667,910</td></tr><tr><td>14 Benefits paid to or for members (Part IX, column (A), line 4)</td><td>0</td><td>0</td></tr><tr><td>15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5–10)</td><td>10,786,257</td><td>11,222,805</td></tr><tr><td>16a Professional fundraising fees (Part IX, column (A), line 11e)</td><td>0</td><td>0</td></tr><tr><td>b Total fundraising expenses (Part IX, column (D), line 25) ▶420,546</td><td></td><td></td></tr><tr><td>17 Other expenses (Part IX, column (A), lines 11a–11d, 11f–24e)</td><td>3,859,422</td><td>3,822,139</td></tr><tr><td>18 Total expenses Add lines 13–17 (must equal Part IX, column (A), line 25)</td><td>16,402,228</td><td>15,712,854</td></tr><tr><td>19 Revenue less expenses Subtract line 18 from line 12</td><td>7,419,640</td><td>-6,868,664</td></tr></table>	13 Grants and similar amounts paid (Part IX, column (A), lines 1–3)	1,756,549	667,910	14 Benefits paid to or for members (Part IX, column (A), line 4)	0	0	15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5–10)	10,786,257	11,222,805	16a Professional fundraising fees (Part IX, column (A), line 11e)	0	0	b Total fundraising expenses (Part IX, column (D), line 25) ▶420,546			17 Other expenses (Part IX, column (A), lines 11a–11d, 11f–24e)	3,859,422	3,822,139	18 Total expenses Add lines 13–17 (must equal Part IX, column (A), line 25)	16,402,228	15,712,854	19 Revenue less expenses Subtract line 18 from line 12	7,419,640	-6,868,664
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Net Assets or Fund Balances	<table><tr><td></td><td>Beginning of Current Year</td><td>End of Year</td></tr><tr><td>20 Total assets (Part X, line 16)</td><td>104,102,629</td><td>103,251,183</td></tr><tr><td>21 Total liabilities (Part X, line 26)</td><td>11,454,650</td><td>13,770,685</td></tr><tr><td>22 Net assets or fund balances Subtract line 21 from line 20</td><td>92,647,979</td><td>89,480,498</td></tr></table>		Beginning of Current Year	End of Year	20 Total assets (Part X, line 16)	104,102,629	103,251,183	21 Total liabilities (Part X, line 26)	11,454,650	13,770,685	22 Net assets or fund balances Subtract line 21 from line 20	92,647,979	89,480,498												
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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		2015-10-28 Date			
	SOPHIA DARLING VP FINANCE Type or print name and title					
Paid Preparer Use Only	Print/Type preparer's name AARON SHAPIRO		Preparer's signature AARON SHAPIRO	Date	Check ☐ if self-employed	PTIN P01333816
	Firm's name ▶ LOEB & TROPER LLP				Firm's EIN ▶ 13-1517563	
	Firm's address ▶655 THIRD AVENUE 12TH FLOOR NEW YORK, NY 10017				Phone no (212) 867-4000	

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

Part III

Statement of Program Service Accomplishments

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

☐

☒

1

Briefly describe the organization's mission

TO ADVANCE AND COMMUNICATE SCIENTIFIC KNOWLEDGE IN PLANT BIOLOGY TO IMPROVE AGRICULTURE, PROTECT THE ENVIRONMENT, AND ENHANCE HUMAN HEALTH

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 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 \$ 8,463,121 including grants of \$ 665,158) (Revenue \$)

SEE SCHEDULE OIMPROVE AGRICULTURE/SUSTAINABLE FOOD PRODUCTION INSTITUTE SCIENTISTS ADVANCE, COMMUNICATE, AND APPLY PLANT RESEARCH TOWARDS PRODUCING AN INCREASINGLY SUSTAINABLE FOOD SUPPLY THE UNITED NATIONS FEBRUARY, 2010 FOOD SECURITY ANALYSIS CITES CLIMATE CHANGE, NATURAL DISASTER, RAPID URBANIZATION, AND UNPRECEDENTED POPULATION GROWTH AS GREAT CHALLENGES TO THE SUSTAINABLE FUTURE OF THE WORLD FOOD SUPPLY AT BTI, SCIENTISTS ARE INVESTIGATING, AT THE MOLECULAR LEVEL, HOW PLANTS GROW, RESPOND TO LIGHT, AND MAKE USE OF THESE FUNCTIONS ON A SCALE THAT CAN MEET DEMAND CURRENT RESEARCH IS FOCUSED ON IMPROVING THE NUTRITIVE QUALITY OF FOOD, INCREASING YIELD, AND FURTHERING THE SUSTAINABILITY OF AGRONOMICALLY VIABLE PLANT SPECIES SPECIFIC RESEARCH FOCUSES ON INCREASED SHELF-LIFE TO REDUCE FOOD WASTE, NATURAL INSECT CONTROL TO FURTHER REDUCE THE NEED FOR PESTICIDES, ENHANCED DISEASE RESISTANCE IN PLANTS, CROPS THAT PRODUCE HIGHER YIELD WITH LESS LIGHT, REDUCED NEED FOR CHEMICAL FERTILIZATION AND BREED PLANTS WITH HIGHER TOLERANCE FOR ENVIRONMENTAL STRESSORS SUCH AS DROUGHT, HEAT AND COLD

4b

(Code) (Expenses \$ 1,387,894 including grants of \$ 0) (Revenue \$)

SEE SCHEDULE OPROTECT THE ENVIRONMENT AND RENEWABLE ENERGY INSTITUTE SCIENTISTS ADVANCE, COMMUNICATE AND APPLY PLANT RESEARCH TO PROTECTING THE ENVIRONMENT AND ADVANCING RENEWABLE ENERGY PLANTS HELP OFFSET GLOBAL WARMING BY ABSORBING CARBON DIOXIDE PLANTS ALSO PROVIDE RENEWABLE AND SUSTAINABLE SOURCES OF FOOD AND ENERGY, WORLDWIDE AT BTI, SCIENTISTS USE A SUITE OF MODERN TECHNIQUES TO UNDERSTAND KEY PROCESSES SUCH AS PHOTOSYNTHESIS AND BIOMASS PRODUCTION AT THE MOLECULAR, BIOCHEMICAL AND GENETIC LEVEL RESEARCH AT BTI AIMS TO IMPROVE PLANT GROWTH AND INCREASE YIELD WITH FEWER NEGATIVE EFFECTS ON THE ENVIRONMENT

4c

(Code) (Expenses \$ 1,803,611 including grants of \$ 2,752) (Revenue \$)

SEE SCHEDULE OIMPROVED HUMAN HEALTH INSTITUTE SCIENTISTS ADVANCE, COMMUNICATE, AND APPLY PLANT RESEARCH TOWARDS IMPROVED HUMAN HEALTH CURRENT RESEARCH AT BTI MAY LEAD TO AN INCREASE IN OUR UNDERSTANDING OF HUMAN DISEASES SUCH AS DIABETES, ALZHEIMER'S DISEASE AND AGING-RELATED DISEASES, PRODUCE FOODS TO COMBAT VITAMIN DEFICIENCIES, PROVIDE NATURAL WAYS TO CONTROL BLOOD PRESSURE, AND USE GENETIC TOOLS TO COMBAT DISEASE IN HUMANS, SUCH AS THE EMPLOYMENT OF PLANT-DERIVED COMPOUNDS AS ANTI-CANCER AGENTS

See Additional Data

4d

Other program services (Describe in Schedule O)

(Expenses \$ 1,127,090 including grants of \$ 0) (Revenue \$)

4e

Total program service expenses

12,781,716

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 Yes	
2 Is the organization required to complete Schedule B, Schedule of Contributors (see instructions)? 	2 Yes	
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	No
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	No
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	No
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	No
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	No
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? If "Yes," complete Schedule D, Part III 	8	No
9 Did the organization report an amount in Part X, line 21 for escrow or custodial account liability, serve as a custodian for amounts not listed in Part X, or provide credit counseling, debt management, credit repair, or debt negotiation services? If "Yes," complete Schedule D, Part IV 	9	No
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 Yes	
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 Yes	
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 Yes	
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	No
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	No
e Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X 	11e Yes	
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 Yes	
12a Did the organization obtain separate, independent audited financial statements for the tax year? If "Yes," complete Schedule D, Parts XI and XII 	12a Yes	
b Was the organization included in consolidated, independent audited financial statements for the tax year? If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional 	12b	No
13 Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E	13	No
14a Did the organization maintain an office, employees, or agents outside of the United States?	14a	No
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 Yes	
15 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any foreign organization? If "Yes," complete Schedule F, Parts II and IV 	15 Yes	
16 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? If "Yes," complete Schedule F, Parts III and IV 	16	No
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	No
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	No
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	No
20a Did the organization operate one or more hospital facilities? If "Yes," complete Schedule H	20a	No
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)

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

Part V

Statements Regarding Other IRS Filings and Tax Compliance

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

		Yes	No
1a	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable.		
1b	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable.		
1c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?		
2a	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.		
2b	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).	Yes	
3a	Did the organization have unrelated business gross income of \$1,000 or more during the year?		No
3b	If "Yes," has it filed a Form 990-T for this year? If "No" to line 3b, provide an explanation in Schedule O.		
4a	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)?		No
b	If "Yes," enter the name of the foreign country: See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR).		
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?		No
5b	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?		No
5c	If "Yes," to line 5a or 5b, did the organization file Form 8886-T?		
6a	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible as charitable contributions?		No
6b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?		
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?		No
7b	If "Yes," did the organization notify the donor of the value of the goods or services provided?		
7c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?		No
7d	If "Yes," indicate the number of Forms 8282 filed during the year.		
7e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?		No
7f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?		No
7g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?		
7h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?		
8	Sponsoring organizations maintaining donor advised funds. Did a donor advised fund maintained by the sponsoring organization have excess business holdings at any time during the year?		
9a	Did the sponsoring organization make any taxable distributions under section 4966?		
9b	Did the sponsoring organization make a distribution to a donor, donor advisor, or related person?		
10	Section 501(c)(7) organizations. Enter		
10a	Initiation fees and capital contributions included on Part VIII, line 12.		
10b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities.		
11	Section 501(c)(12) organizations. Enter		
11a	Gross income from members or shareholders.		
11b	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them).		
12a	Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041?		
12b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year.		
13	Section 501(c)(29) qualified nonprofit health insurance issuers.		
13a	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.		
13b	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.		
13c	Enter the amount of reserves on hand.		
14a	Did the organization receive any payments for indoor tanning services during the tax year?		No
14b	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O.		

Part VI

Governance, Management, and Disclosure

For each "Yes" response to lines 2 through 7b below, and for a "No" response to lines 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions.

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

Section A. Governing Body and Management

		Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year		
	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		
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	Yes
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	No
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	4	No
5	Did the organization become aware during the year of a significant diversion of the organization's assets?	5	No
6	Did the organization have members or stockholders?	6	Yes
7a	Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?	7a	Yes
b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	7b	No
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following		
a	The governing body?	8a	Yes
b	Each committee with authority to act on behalf of the governing body?	8b	Yes
9	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O	9	No

Section B. Policies

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

		Yes	No
10a	Did the organization have local chapters, branches, or affiliates?	10a	No
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?	10b	
11a	Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	11a	Yes
b	Describe in Schedule O the process, if any, used by the organization to review this Form 990		
12a	Did the organization have a written conflict of interest policy? If "No," go to line 13	12a	Yes
b	Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	12b	Yes
c	Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done	12c	Yes
13	Did the organization have a written whistleblower policy?	13	Yes
14	Did the organization have a written document retention and destruction policy?	14	Yes
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	15a	Yes
b	Other officers or key employees of the organization	15b	Yes
	If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions)		
16a	Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year?	16a	No
b	If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?	16b	

Section C. Disclosure

17	List the States with which a copy of this Form 990 is required to be filed	NY
18	Section 6104 requires an organization to make its Form 1023 (or 1024 if applicable), 990, and 990-T (501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply. ☐ Own website ☐ Another's website ☒ Upon request ☐ Other (explain in Schedule O)	
19	Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year	
20	State the name, address, and telephone number of the person who possesses the organization's books and records	SOPHIA DARLING 533 TOWER ROAD ITHACA, NY 148531801 (607) 254-1225

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

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

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

- 1a 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, or highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations

List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations

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

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

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
(1) DAVID STERN PRESIDENT	40 00	X		X				344,032	0	70,714
(2) ROY H PARK JR DIRECTOR	0 40	X						0	0	0
(3) LAURA A PHILLIPS DIRECTOR	0 40	X						0	0	0
(4) MACHI DILWORTH DIRECTOR	0 40	X						0	0	0
(5) ANDY BASS DIRECTOR	0 40	X						0	0	0
(6) PETER BRUNS DIRECTOR	0 40	X						0	0	0
(7) MARY LOU GUERINOT DIRECTOR	0 40	X						0	0	0
(8) GREGORY GALVIN DIRECTOR	0 40	X						0	0	0
(9) GREGORY HARTZ DIRECTOR	0 40	X						0	0	0
(10) PAMELA RONALD DIRECTOR	0 40	X						0	0	0
(11) KIRA SHEINERMAN DIRECTOR	0 40	X						0	0	0
(12) CRISPIN TAYLOR DIRECTOR	0 40	X						0	0	0
(13) KATHRYN BOOR DIRECTOR	0 40	X						0	0	0
(14) PAUL CHOMET DIRECTOR	0 40	X						0	0	0

Part VII

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

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
(15) LOURDES CASANOVA DIRECTOR	0 40	X						0	0	0
(16) SOPHIA DARLING VP FINANCE	40 00			X				127,775	0	15,333
(17) BRIDGET RIGAS-GARZON VP - COMMUNICATIONS AND DE	40 00			X				92,762	0	26,226
(18) KAREN KINDLE VP RESEARCH	40 00			X				45,774	0	14,832
(19) VANESSA GREENLEE SECRETARY	40 00			X				50,976	0	21,574
(20) DR ERIC RICHARDS PROFESSOR	40 00					X		204,414	0	38,744
(21) DR DANIEL KLESSIG PROFESSOR	40 00					X		186,770	0	38,785
(22) DR MARIA HARRISON SCIENTIST	40 00					X		175,891	0	32,451
(23) GEORG JANDER ASSOCIATE PROFESSOR	40 00					X		112,427	0	34,900
(24) LUKAS MUELLER ASSOCIATE PROFESSOR	40 00					X		120,242	0	29,577

1b	Sub-Total	▶			
c	Total from continuation sheets to Part VII, Section A	▶			
d	Total (add lines 1b and 1c)	▶	1,461,063	0	323,136

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▶7

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

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
LWV ADVISORS LLC 67 MONROE AVE PITTSFORD, NY 14535	INVESTMENT CONSULTING	137,037

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization ▶1

Part VIII

Statement of Revenue

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

			(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514	
Contributions, Gifts, Grants and Other Similar Amounts	1a	Federated campaigns	1a				
	b	Membership dues	1b				
	c	Fundraising events	1c				
	d	Related organizations	1d				
	e	Government grants (contributions)	1e	6,575,709			
	f	All other contributions, gifts, grants, and similar amounts not included above	1f	1,709,886			
	g	Noncash contributions included in lines 1a-1f \$					
	h	Total. Add lines 1a-1f		8,285,595			
Program Service Revenue	2a		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)	60			60
4		Income from investment of tax-exempt bond proceeds					
5		Royalties	287,471			287,471	
6a			(i) Real	(ii) Personal			
		Gross rents					
		b	Less rental expenses				
		c	Rental income or (loss)				
d		Net rental income or (loss)					
7a			(i) Securities	(ii) Other			
		Gross amount from sales of assets other than inventory	21,392,622	456,353			
		b	Less cost or other basis and sales expenses	20,931,020	662,602		
		c	Gain or (loss)	461,602	-206,249		
d		Net gain or (loss)	255,353			255,353	
8a		Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c) See Part IV, line 18	a				
		b	Less direct expenses	b			
		c	Net income or (loss) from fundraising events				
9a		Gross income from gaming activities See Part IV, line 19	a				
		b	Less direct expenses	b			
		c	Net income or (loss) from gaming activities				
10a		Gross sales of inventory, less returns and allowances	a				
		b	Less cost of goods sold	b			
		c	Net income or (loss) from sales of inventory				
Miscellaneous Revenue		Business Code					
11a	MISCELLANEOUS	900099	15,711			15,711	
b							
c							
d	All other revenue						
e	Total. Add lines 11a-11d		15,711				
12	Total revenue. See Instructions		8,844,190	0	0	558,595	

Part IX

Statement of Functional Expenses

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

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

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.		(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1	Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21.	610,976	610,976		
2	Grants and other assistance to domestic individuals. See Part IV, line 22.				
3	Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16.	56,934	56,934		
4	Benefits paid to or for members.				
5	Compensation of current officers, directors, trustees, and key employees.	793,471	262,904	416,835	113,732
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.	7,548,231	6,769,504	653,967	124,760
8	Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions).	1,331,256	1,104,942	186,376	39,938
9	Other employee benefits.	1,100,981	913,815	154,137	33,029
10	Payroll taxes.	448,866	372,529	62,872	13,465
11	Fees for services (non-employees):				
a	Management.				
b	Legal.	143,956	86,015	57,941	
c	Accounting.	66,147		66,147	
d	Lobbying.				
e	Professional fundraising services. See Part IV, line 17.				
f	Investment management fees.	88,801		88,801	
g	Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O).	513,227	129,951	374,931	8,345
12	Advertising and promotion.	946,212	825,296	109,692	11,224
13	Office expenses.	651,943	500,742	103,647	47,554
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.	397,820	285,156	96,158	16,506
20	Interest.				
21	Payments to affiliates.				
22	Depreciation, depletion, and amortization.	680,141	654,650	25,491	
23	Insurance.	102,206	2,671	99,535	
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	EQUIPMENT MAINTENANCE	179,028	167,073	11,955	
b	PUBLICATIONS	52,658	38,558	2,107	11,993
c					
d					
e	All other expenses				
25	Total functional expenses. Add lines 1 through 24e.	15,712,854	12,781,716	2,510,592	420,546
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 ☐ if following SOP 98-2 (ASC 958-720).				

Part X

Balance Sheet

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

				(A)		(B)
				Beginning of year		End of year
Assets	1	Cash—non-interest-bearing		214,190	1	463,137
	2	Savings and temporary cash investments		2,805,272	2	1,484,845
	3	Pledges and grants receivable, net		1,651,497	3	1,303,056
	4	Accounts receivable, net			4	
	5	Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L			5	
	6	Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions). Complete Part II of Schedule L			6	
	7	Notes and loans receivable, net			7	
	8	Inventories for sale or use		34,114	8	33,951
	9	Prepaid expenses and deferred charges		105,897	9	193,014
	10a	Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a10,406,209			
	b	Less: accumulated depreciation	10b7,507,101	3,515,145	10c	2,899,108
	11	Investments—publicly traded securities		862,690	11	8,990
	12	Investments—other securities. See Part IV, line 11		94,904,338	12	96,840,133
	13	Investments—program-related. See Part IV, line 11			13	
	14	Intangible assets			14	
	15	Other assets. See Part IV, line 11		9,486	15	24,949
	16	Total assets. Add lines 1 through 15 (must equal line 34)		104,102,629	16	103,251,183
Liabilities	17	Accounts payable and accrued expenses		7,031,593	17	9,065,874
	18	Grants payable			18	
	19	Deferred revenue		874,940	19	1,054,704
	20	Tax-exempt bond liabilities			20	
	21	Escrow or custodial account liability. Complete Part IV of Schedule D			21	
	22	Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L			22	
	23	Secured mortgages and notes payable to unrelated third parties			23	
	24	Unsecured notes and loans payable to unrelated third parties			24	
	25	Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D		3,548,117	25	3,650,107
	26	Total liabilities. Add lines 17 through 25		11,454,650	26	13,770,685
Net Assets or Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here ☒ and complete lines 27 through 29, and lines 33 and 34.					
	27	Unrestricted net assets		87,965,416	27	84,700,470
	28	Temporarily restricted net assets		1,660,363	28	1,757,828
	29	Permanently restricted net assets		3,022,200	29	3,022,200
	Organizations that do not follow SFAS 117 (ASC 958), check here ☐ 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		92,647,979	33	89,480,498
	34	Total liabilities and net assets/fund balances		104,102,629	34	103,251,183

Part XI Reconciliation of Net Assets

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

1	Total revenue (must equal Part VIII, column (A), line 12)	1	8,844,190
2	Total expenses (must equal Part IX, column (A), line 25)	2	15,712,854
3	Revenue less expenses Subtract line 2 from line 1	3	-6,868,664
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	92,647,979
5	Net unrealized gains (losses) on investments	5	6,171,615
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	1,264,861
9	Other changes in net assets or fund balances (explain in Schedule O)	9	-3,735,293
10	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	89,480,498

Part XII Financial Statements and Reporting

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

		Yes	No
1	Accounting method used to prepare the Form 990 ☐ Cash ☒ Accrual ☐ 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? If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both ☐ Separate basis ☐ Consolidated basis ☐ Both consolidated and separate basis		No
2b	Were the organization's financial statements audited by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both ☒ Separate basis ☐ Consolidated basis ☐ Both consolidated and separate basis	Yes	
2c	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	Yes	
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?	Yes	
3b	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	Yes	

Additional Data

Software ID:
Software Version:
EIN: 13-1739923
Name: BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH
INC

Form 990, Part III - Line 4c: Program Service Accomplishments (See the Instructions)

(Code	) (Expenses \$	1,127,090	including grants of \$	0) (Revenue \$	)
RESEARCH TOOLS & COMMUNICATIONS INSTITUTE SCIENTISTS ADVANCE, COMMUNICATE, AND APPLY PLANT RESEARCH TOWARDS THE ADVANCEMENT OF SCIENTIFIC KNOWLEDGE VIRTUALLY EVERY DAY, SCIENTISTS DISCOVER AND RECORD A STAGGERING AMOUNT OF NEW INFORMATION ABOUT THE GENES, PROTEINS AND CHEMICALS THAT DIRECT THE LIFE OF CELLS THEY ARE ALSO CONTINUALLY DEVELOPING NEW TECHNIQUES FOR LABORATORY RESEARCH BTI SCIENTISTS ARE DEVELOPING INNOVATIVE SOFTWARE AND DATABASES, ENABLING RESEARCHERS TO BETTER ORGANIZE, ACCESS AND RETRIEVE A WEALTH OF DATA, ISOLATE AND IDENTIFY SPECIFIC GENES CONTROLLING THE SPECIFIC LIFE PROCESSES AND IDENTIFY MOLECULES WITH POTENTIAL EVOLUTIONARY, BIOLOGICAL AND MEDICAL IMPORTANCES					

SCHEDULE A
(Form 990 or 990EZ)

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support
Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.
▶ Attach to Form 990 or Form 990-EZ.
▶ Information about Schedule A (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047
2014
Open to Public Inspection

Name of the organization BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH INC	Employer identification number 13-1739923
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Part I

Reason for Public Charity Status (All organizations must complete this part.) See instructions.

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

- 1

☐

A church, convention of churches, or association of churches described in **section 170(b)(1)(A)(i).**
- 2

☐

A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E)
- 3

☐

A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**
- 4

☐

A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state _____
- 5

☐

An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II)
- 6

☐

A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**
- 7

☒

An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi).** (Complete Part II)
- 8

☐

A community trust described in **section 170(b)(1)(A)(vi)** (Complete Part II)
- 9

☐

An organization that normally receives (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions—subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975 See **section 509(a)(2).** (Complete Part III)
- 10

☐

An organization organized and operated exclusively to test for public safety See **section 509(a)(4).**
- 11

☐

An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2) See **section 509(a)(3).** Check the box in lines 11a through 11d that describes the type of supporting organization and complete lines 11e, 11f, and 11g
- a

☐

Type I. A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization **You must complete Part IV, Sections A and B.**
- b

☐

Type II. A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s) **You must complete Part IV, Sections A and C.**
- c

☐

Type III functionally integrated. A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions) **You must complete Part IV, Sections A, D, and E.**
- d

☐

Type III non-functionally integrated. A supporting organization operated in connection with its supported organization(s) that is not functionally integrated The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions) **You must complete Part IV, Sections A and D, and Part V.**
- e

☐

Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization
- f

Enter the number of supported organizations _____
- g

Provide the following information about the supported organization(s)

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

Part II

Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)
(Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support						
Calendar year (or fiscal year beginning in) ▶	(a) 2010	(b) 2011	(c) 2012	(d) 2013	(e) 2014	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")	12,519,600	13,226,816	10,232,418	8,370,138	8,285,595	52,634,567
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	1,527,898	1,614,589	1,580,263	1,717,336	1,668,486	8,108,572
4 Total. Add lines 1 through 3	14,047,498	14,841,405	11,812,681	10,087,474	9,954,081	60,743,139
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)						
6 Public support. Subtract line 5 from line 4						60,743,139

Section B. Total Support						
Calendar year (or fiscal year beginning in) ▶	(a) 2010	(b) 2011	(c) 2012	(d) 2013	(e) 2014	(f) Total
7 Amounts from line 4	14,047,498	14,841,405	11,812,681	10,087,474	9,954,081	60,743,139
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	1,578,754	1,580,796	3,204,573	806,875	287,531	7,458,529
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income Do not include gain or loss from the sale of capital assets (Explain in Part VI)	44,194	13,434	1,782	32,172	15,711	107,293
11 Total support Add lines 7 through 10						68,308,961
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						▶

Section C. Computation of Public Support Percentage		
14 Public support percentage for 2014 (line 6, column (f) divided by line 11, column (f))	14	88 920 %
15 Public support percentage for 2013 Schedule A, Part II, line 14	15	76 820 %
16a 33 1/3% support test—2014. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization	▶	
b 33 1/3% support test—2013. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization	▶	
17a 10%-facts-and-circumstances test—2014. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization	▶	
b 10%-facts-and-circumstances test—2013. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization	▶	
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	▶	

Part IIISupport 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 year beginning in) ▶	(a) 2010	(b) 2011	(c) 2012	(d) 2013	(e) 2014	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")						
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 year beginning in) ▶	(a) 2010	(b) 2011	(c) 2012	(d) 2013	(e) 2014	(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 VI.)						
13 Total support. (Add lines 9, 10c, 11, and 12.)						
14 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here ▶						

Section C. Computation of Public Support Percentage		
15 Public support percentage for 2014 (line 8, column (f) divided by line 13, column (f))	15	
16 Public support percentage from 2013 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage		
17 Investment income percentage for 2014 (line 10c, column (f) divided by line 13, column (f))	17	
18 Investment income percentage from 2013 Schedule A, Part III, line 17	18	
19a 33 1/3% support tests—2014. If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and stop here. The organization qualifies as a publicly supported organization ▶		
b 33 1/3% support tests—2013. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and stop here. The organization qualifies as a publicly supported organization ▶		
20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions ▶		

Part IV Supporting Organizations

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

Section A. All Supporting Organizations

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

Part IV

Supporting Organizations (continued)

Section B. Type I Supporting Organizations

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

Section C. Type II Supporting Organizations

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

Section D. All Type III Supporting Organizations

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

Section E. Type III Functionally-Integrated Supporting Organizations

1 Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (see instructions)			
a ☐ The organization satisfied the Activities Test. Complete line 2 below.			
b ☐ The organization is the parent of each of its supported organizations. Complete line 3 below.			
c ☐ The organization supported a governmental entity. Describe in Part VI how you supported a government entity (see instructions).			
2 <u>Activities Test</u> Answer (a) and (b) below.			
a Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.	2a		
b Did the activities described in (a) constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.	2b		
3 <u>Parent of Supported Organizations</u> Answer (a) and (b) below.			
a Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? Provide details in Part VI.	3a		
b Did the organization exercise a substantial degree of direction over the policies, programs and activities of each of its supported organizations? If "Yes," describe in Part VI the role played by the organization in this regard.	3b		

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

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

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

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

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

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

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2014	(iii) Distributable Amount for 2014
1 Distributable amount for 2014 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2014 (reasonable cause required--see instructions)			
3 Excess distributions carryover, if any, to 2014			
a From 2009.			
b From 2010.			
c From 2011.			
d From 2012.			
e From 2013.			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2014 distributable amount			
i Carryover from 2009 not applied (see instructions)			
j Remainder Subtract lines 3g, 3h, and 3i from 3f			
4 Distributions for 2014 from Section D, line 7 \$			
a Applied to underdistributions of prior years			
b Applied to 2014 distributable amount			
c Remainder Subtract lines 4a and 4b from 4			
5 Remaining underdistributions for years prior to 2014, if any Subtract lines 3g and 4a from line 2 (if amount greater than zero, see instructions)			
6 Remaining underdistributions for 2014 Subtract lines 3h and 4b from line 1 (if amount greater than zero, see instructions)			
7 Excess distributions carryover to 2015. Add lines 3j and 4c			
8 Breakdown of line 7			
a From 2010.			
b From 2011.			
c From 2012.			
d From 2013.			
e From 2014.			

Part VI **Supplemental Information.** Provide the explanations required by Part II, line 10; Part II, line 17a or 17b; Part III, line 12; Part IV, Section A, lines 1, 2, 3b, 3c, 4b, 4c, 5a, 6, 9a, 9b, 9c, 11a, 11b, and 11c; Part IV, Section B, lines 1 and 2; Part IV, Section C, line 1; Part IV, Section D, lines 2 and 3; Part IV, Section E, lines 1c, 2a, 2b, 3a and 3b; Part V, line 1; Part V, Section B, line 1e; Part V Section D, lines 5, 6, and 8; and Part V, Section E, lines 2, 5, and 6. Also complete this part for any additional information. (See instructions).

Facts And Circumstances Test

Return Reference

Explanation

SCHEDULE D
(Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Financial Statements

► Complete if the organization answered "Yes," to Form 990,
Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b.
► Attach to Form 990.
Information about Schedule D (Form 990) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047

2014

Open to Public Inspection

Name of the organization
BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH INC

Employer identification number
13-1739923

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 value of contributions to (during year)		
3 Aggregate value of 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)
☐ Preservation of land for public use (e g , recreation or education) ☐ Preservation of an historically important land area
☐ Protection of natural habitat ☐ Preservation of a certified historic structure
☐ 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 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 XIII, 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.

1a 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 XIII, 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) Revenue 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 Revenue 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

b

☐ Scholarly research

c

☐ Preservation for future generations

d

☐ Loan or exchange programs

e

☐ Other
- 4

Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII
- 5

During the year, did the organization solicit or receive donations of art, historical treasures or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection?

☐ Yes

☐ No

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

- 1a

Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X?

☐ Yes

☐ No
- b

If "Yes," explain the arrangement in Part XIII and complete the following table
- | | |
|----|--------|
| | Amount |
| 1c | |
| 1d | |
| 1e | |
| 1f | |

c

Beginning balance

d

Additions during the year

e

Distributions during the year

f

Ending balance
- 2a

Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability?

☐ Yes

☐ No
- b

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

☐

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

	(a)Current year	(b)Prior year	b (c)Two years back	(d)Three years back	(e)Four years back
1a Beginning of year balance	4,038,295	3,689,702	3,351,611	3,640,860	3,388,364
b Contributions					
c Net investment earnings, gains, and losses	331,122	472,899	468,313	-138,472	405,030
d Grants or scholarships					
e Other expenditures for facilities and programs	135,766	124,306	130,222	150,777	152,354
f Administrative expenses					
g End of year balance	4,233,651	4,038,295	3,689,702	3,351,611	3,640,860

- 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

☐ 71 400 %
- c

Temporarily restricted endowment

☐ 28 600 %
- The percentages in lines 2a, 2b, and 2c should equal 100%
- 3a

Are there endowment funds not in the possession of the organization that are held and administered for the organization by
- (i) unrelated organizations

3a(i)

☐ Yes

☐ No

(ii) related organizations

3a(ii)

☐ Yes

☐ No
- b

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

3b

☐ Yes

☐ No
- 4

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

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

Description of property	(a) Cost or other basis (investment)	(b)Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land				
b Buildings				
c Leasehold improvements		4,952,316	3,231,542	1,720,774
d Equipment		5,453,893	4,275,559	1,178,334
e Other				
Total. Add lines 1a through 1e (Column (d) must equal Form 990, Part X, column (B), line 10(c).)				2,899,108

Part XI Reconciliation of Revenue per Audited Financial Statements With Revenue per Return Complete if the organization answered 'Yes' to Form 990, Part IV, line 12a.

1	Total revenue, gains, and other support per audited financial statements	1	16,595,490
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12		
a	Net unrealized gains (losses) on investments	2a	6,171,615
b	Donated services and use of facilities	2b	1,668,486
c	Recoveries of prior year grants	2c	
d	Other (Describe in Part XIII)	2d	
e	Add lines 2a through 2d	2e	7,840,101
3	Subtract line 2e from line 1	3	8,755,389
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	88,801
b	Other (Describe in Part XIII)	4b	
c	Add lines 4a and 4b	4c	88,801
5	Total revenue Add lines 3 and 4c . (This must equal Form 990, Part I, line 12)	5	8,844,190

Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return. Complete if the organization answered 'Yes' to Form 990, Part IV, line 12a.

1	Total expenses and losses per audited financial statements	1	17,292,539
2	Amounts included on line 1 but not on Form 990, Part IX, line 25		
a	Donated services and use of facilities	2a	1,668,486
b	Prior year adjustments	2b	
c	Other losses	2c	
d	Other (Describe in Part XIII)	2d	
e	Add lines 2a through 2d	2e	1,668,486
3	Subtract line 2e from line 1	3	15,624,053
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	88,801
b	Other (Describe in Part XIII)	4b	
c	Add lines 4a and 4b	4c	88,801
5	Total expenses Add lines 3 and 4c . (This must equal Form 990, Part I, line 18)	5	15,712,854

Part XIII Supplemental Information

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

Return Reference	Explanation
PART V, LINE 4	THE INCOME HAS BEEN BOARD DESIGNATED TO SUPPORT A POSITION IN PLANT MOLECULAR BIOLOGY
PART X, LINE 2	THE INSTITUTE HAS DETERMINED THAT THERE ARE NO MATERIAL UNCERTAIN TAX POSITIONS THAT REQUIRE RECOGNITION OR DISCLOSURE IN THE FINANCIAL STATEMENTS. TAX RETURNS FOR THE YEARS DECEMBER 31, 2011 AND SUBSEQUENT REMAIN SUBJECT TO EXAMINATION BY APPLICABLE TAXING AUTHORITIES.
PART XII, LINE 2D	ADJUSTMENT TO REFLECT PENSION FUNDING STATUS \$3,735,293

[illegible]

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

OMB No 1545-0047

2014

Open to Public Inspection

Name of the organization
BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH INC

Employer identification number
13-1739923

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 Activites 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) SOUTH AMERICA	0	0	GRANTS TO RECIPIENTS	IMPROVE AGRICULTURE	56,934
(2)					
(3)					
(4)					
(5)					
3a Sub-total	0	0			56,934
b Total from continuation sheets to Part I	0	0			0
c Totals (add lines 3a and 3b)	0	0			56,934

Part II

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

1	(a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
(1)			SOUTH AMERICA	COLLABORATIVE RESEARCH	56,934	WIRE TRANSFER			
(2)									
(3)									
(4)									

- 2 Enter total number of recipient organizations listed above that are recognized as charities by the foreign country, recognized as tax-exempt by the IRS, or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter 1
- 3 Enter total number of other organizations or entities 0

Part III

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

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

Part IV Foreign Forms

- 1

Was the organization a U S transferor of property to a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 926, Return by a U.S. Transferor of Property to a Foreign Corporation (see Instructions for Form 926)*

☐ Yes

☒ No
- 2

Did the organization have an interest in a foreign trust during the tax year? *If "Yes," the organization may be required to file Form 3520, Annual Return to Report Transactions with Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U.S. Owner (see Instructions for Forms 3520 and 3520-A; do not file with Form 990)*

☐ Yes

☒ No
- 3

Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U.S. Persons with Respect to Certain Foreign Corporations. (see Instructions for Form 5471)*

☐ Yes

☒ No
- 4

Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund. (see Instructions for Form 8621)*

☐ Yes

☒ No
- 5

Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U.S. Persons with Respect to Certain Foreign Partnerships. (see Instructions for Form 8865)*

☐ Yes

☒ No
- 6

Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to file Form 5713, International Boycott Report (see Instructions for Form 5713; do not file with Form 990)*

☐ Yes

☒ No

Part V

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

990 Schedule F, Supplemental Information

Return Reference	Explanation
SCHEDULE F, PART I, LINE 2	THE ORGRANIZATION MONITORS EACH SUB-RECIPIENT OF A GRANT, BOTH DOMESTIC AND FOREIGN, WITH A YEARLY REVIEW OF AUDIT COMPLIANCE AND BUDGETS. EACH SUB-RECIPIENT IS REQUIRED TO REPORT FINANCIAL STATEMENTS, PERFORMANCE REPORTS, AUDIT REPORTS, AND TIMELY RESOLUTION OF AUDIT FINDINGS. SUPERVISORY REVIEWS ARE PERFORMED TO DETERMINE THE ADEQUACY OF SUB-RECIPIENT MONITORING.

Schedule I
(Form 990)

Grants and Other Assistance to Organizations,
Governments and Individuals in the United States
Complete if the organization answered "Yes," to Form 990, Part IV, line 21 or 22.
▶ Attach to Form 990.
▶ Information about Schedule I (Form 990) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047
2014
Open to Public
Inspection

Department of the Treasury
Internal Revenue Service

Name of the organization
BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH INC

Employer identification number
13-1739923

Part I General Information on Grants and Assistance

1

Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance?

☒ Yes ☐ No

2

Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments.

Complete if the organization answered "Yes" to Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
(1) COLORADO STATE UNIV 2002 CAMPUS DEL FORT COLLINS, CO 80523	84-6000545	501(C)(3)	57,109		FMV		COLLABORATIVE RESEARCH
(2) COLUMBIA UNIVERSTIY PO BOX 29789 NEW YORK, NY 10087	13-5598093	501(C)(3)	38,478		FMV		COLLABORATIVE RESEARCH
(3) CORNELL UNIVERSTIY PO BOX 22 ITHACA, NY 14851	15-0532082	501(C)(3)	243,227		FMV		COLLABORATIVE RESEARCH
(4) IOWA STATE UNIVERSTIY 3609 ADM SVC BLDG AMES, IA 50011	42-6004224	STATE OF IOWA	73,678		FMV		COLLABORATIVE RESEARCH
(5) UNIV OF ILLINOIS-URBANA-CHAMP PO BOX 4610 SPRINGFIELD, IL 62708	37-6000511	STATE OF IL	78,465		FMV		COLLABORATIVE RESEARCH
(6) UNIVERSITY OF MIAMI PO BOX 248106 CORAL GABLES, FL 33124	59-0624458	501(C)(3)	16,990		FMV		COLLABORATIVE RESEARCH
(7) UNIVERSITY OF WASHINGTON FOEGE S-234 BROTMAN BUILDING SOUTH LAKE UNION SEATTLE, WA 98105	91-6001537	115(1)	12,962		FMV		COLLABORATIVE RESEARCH
(8) USDANFC 950 COLLEGE STATION RD ATHENS, GA 30605	72-0564834	FEDERAL	90,067		FMV		COLLABORATIVE RESEARCH

2

Enter total number of section 501(c)(3) and government organizations listed in the line 1 table

8

3

Enter total number of other organizations listed in the line 1 table

0

Part III

Grants and Other Assistance to Domestic Individuals. Complete if the organization answered "Yes" to Form 990, Part IV, line 22.
Part III can be duplicated if additional space is needed.

(a)Type of grant or assistance	(b)Number of recipients	(c)Amount of cash grant	(d)Amount of non-cash assistance	(e)Method of valuation (book, FMV, appraisal, other)	(f)Description of non-cash assistance

Part IV

Supplemental Information. Provide the information required in Part I, line 2, Part III, column (b), and any other additional information.

Return Reference	Explanation
SCHEDULE I, PART I, LINE 2	THE ORGANIZATION MONTORS EACH SUB-RECIPIENT OF A GRANT, BOTH DOMESTIC AND FOREIGN, WITH A YARLY REVIEW OF AUDIT COMPLIANCE AND BUDGETS EACH SUB-RECIPIENT IS REQUIRED TO REPORT FINANCIAL STATEMENTS, PERFORMANCE REPORTS, AND TIMELY RESOLUTION OF AUDIT FINDINGS SUPERVISORY REVIEWS ARE PERFORMED TO DETERMINE THE ADEQUACY OF SUB-RECIPIENT MONITORING

Additional Data

Software ID:
Software Version:
EIN: 13-1739923
Name: BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH INC

Form 990,Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
COLORADO STATE UNIV 2002 CAMPUS DEL FORT COLLINS,CO 80523	84-6000545	501(C)(3)	57,109		FMV		COLLABORATIVE RESEARCH

Form 990,Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV , appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
COLUMBIA UNIVERSTIYPO BOX 29789 NEWYORK,NY 10087	13-5598093	501(C)(3)	38,478		FMV		COLLABORATIVE RESEARCH

Form 990,Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV , appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
CORNELL UNIVERSTIYPO BOX 22 ITHACA,NY 14851	15-0532082	501(C)(3)	243,227		FMV		COLLABORATIVE RESEARCH

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
IOWA STATE UNIVERSTIY 3609 ADM SVC BLDG AMES, IA 50011	42-6004224	STATE OF IOWA	73,678		FMV		COLLABORATIVE RESEARCH

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIV OF ILLINOIS-URBANA-CHAMPPPO BOX 4610 SPRINGFIELD,IL 62708	37-6000511	STATE OF IL	78,465		FMV		COLLABORATIVE RESEARCH

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF MIAMIPO BOX 248106 CORAL GABLES, FL 33124	59-0624458	501(C)(3)	16,990		FMV		COLLABORATIVE RESEARCH

Form 990,Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV , appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF WASHINGTONFOEGE S-234 BROTMAN BUILDING SOUTH LAKE UNION SEATTLE,WA 98105	91-6001537	115(1)	12,962		FMV		COLLABORATIVE RESEARCH

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
USDANFC950 COLLEGE STATION RD ATHENS,GA 30605	72-0564834	FEDERAL	90,067		FMV		COLLABORATIVE RESEARCH

Schedule J
(Form 990)

Department of the Treasury
Internal Revenue Service

Compensation Information

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

▶ Complete if the organization answered "Yes" to Form 990, Part IV, line 23.
▶ Attach to Form 990.

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

OMB No 1545-0047

2014

Open to Public Inspection

Name of the organization
BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH INC

Employer identification number
13-1739923

Part I	Questions Regarding Compensation		Yes	No
1a	Check the appropriate box(es) if the organization provided any of the following to or for a person listed in Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items. ☒ First-class or charter travel ☐ Housing allowance or residence for personal use ☐ Travel for companions ☐ Payments for business use of personal residence ☐ Tax idemnification and gross-up payments ☐ Health or social club dues or initiation fees ☐ Discretionary spending account ☐ Personal services (e g , maid, chauffeur, chef)			
b	If any of the boxes in line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain	1b	Yes	
2	Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, officers, including the CEO/Executive Director, regarding the items checked in line 1a?	2	Yes	
3	Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III. ☒ Compensation committee ☒ Written employment contract ☐ Independent compensation consultant ☒ Compensation survey or study ☐ Form 990 of other organizations ☒ Approval by the board or compensation committee			
4	During the year, did any person listed in Form 990, Part VII, Section A, line 1a with respect to the filing organization or a related organization:			
a	Receive a severance payment or change-of-control payment?	4a		No
b	Participate in, or receive payment from, a supplemental nonqualified retirement plan?	4b		No
c	Participate in, or receive payment from, an equity-based compensation arrangement?	4c		No
	If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.			
	Only 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.			
5	For persons listed in Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:			
a	The organization?	5a		No
b	Any related organization?	5b		No
	If "Yes," to line 5a or 5b, describe in Part III.			
6	For persons listed in Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:			
a	The organization?	6a		No
b	Any related organization?	6b		No
	If "Yes," to line 6a or 6b, describe in Part III.			
7	For persons listed in Form 990, Part VII, Section A, line 1a, did the organization provide any non-fixed payments not described in lines 5 and 6? If "Yes," describe in Part III.	7		No
8	Were any amounts reported in Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III.	8		No
9	If "Yes" to line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?	9		

Part II Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees. Use duplicate copies if additional space is needed.

For each individual whose compensation must be reported in Schedule J, report compensation from the organization on row (i) and from related organizations, described in the instructions, on row (ii) Do not list any individuals that are not listed on Form 990, Part VII

Note. The sum of columns (B)(i)-(iii) for each listed individual must equal the total amount of Form 990, Part VII, Section A, line 1a, applicable column (D) and (E) amounts for that individual

(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column(B) reported as deferred in prior Form 990
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
1 DAVID STERN, PRESIDENT	(i)	343,516	0	516	53,622	17,092	414,746	0
	(ii)	0	0	0	0	0	0	0
2 DR ERIC RICHARDS, PROFESSOR	(i)	204,138	0	276	22,652	16,092	243,158	0
	(ii)	0	0	0	0	0	0	0
3 DR DANIEL KLESSIG, PROFESSOR	(i)	185,246	0	1,524	27,953	10,832	225,555	0
	(ii)	0	0	0	0	0	0	0
4 DR MARIA HARRISON, SCIENTIST	(i)	175,615	0	276	26,554	5,897	208,342	0
	(ii)	0	0	0	0	0	0	0

Part III Supplemental Information

Provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 3, 4a, 4b, 4c, 5a, 5b, 6a, 6b, 7, and 8, and for Part II. Also complete this part for any additional information.

Return Reference	Explanation
PART I, LINE 1A	ACCORDING TO THE PRESIDENT'S CONTRACT WITH THE ORGANIZATION, FIRST-CLASS TRAVEL IS ALLOWED AND IS REIMBURSED AS A NON-TAXABLE BENEFIT

Schedule L
(Form 990 or 990-EZ)

Transactions with Interested Persons

OMB No 1545-0047

2014

Open to Public Inspection

▶ Complete if the organization answered "Yes" on Form 990, Part IV, lines 25a, 25b, 26, 27, 28a, 28b, or 28c, or Form 990-EZ, Part V, line 38a or 40b. ▶ Attach to Form 990 or Form 990-EZ.

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

Name of the organization
BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH INC

Employer identification number
13-1739923

Part I Excess Benefit Transactions (section 501(c)(3), section 501(c)(4), and 501(c)(29) organizations only) Complete if the organization answered "Yes" on Form 990, Part IV, line 25a or 25b, or Form 990-EZ, Part V, line 40b				
1	(a) Name of disqualified person	(b) Relationship between disqualified person and organization	(c) Description of transaction	(d) Corrected?
				YesNo

2 Enter the amount of tax incurred by organization managers or disqualified persons during the year under section 4958 ▶ \$

3 Enter the amount of tax, if any, on line 2, above, reimbursed by the organization ▶ \$

Part II

Loans to and/or From Interested Persons.

Complete if the organization answered "Yes" on Form 990-EZ, Part V, line 38a, or Form 990, Part IV, line 26, or if the organization reported an amount on Form 990, Part X, line 5, 6, or 22

(a) Name of interested person	(b) Relationship with organization	(c) Purpose of loan	(d) Loan to or from the organization?		(e) Original principal amount	(f) Balance due	(g) In default?		(h) Approved by board or committee?		(i) Written agreement?	
			To	From			Yes	No	Yes	No	Yes	No

Total ▶ \$

Part III Grants or Assistance Benefiting Interested Persons. Complete if the organization answered "Yes" on Form 990, Part IV, line 27.				
(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of assistance	(d) Type of assistance	(e) Purpose of assistance

Part IV Business Transactions Involving Interested Persons.

Complete if the organization answered "Yes" on Form 990, Part IV, line 28a, 28b, or 28c.

(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of transaction	(d) Description of transaction	(e) Sharing of organization's revenues?	
				Yes	No
(1) RALPH WF HARDY	FORMER DIRECTOR	44,000	INDEPENDENT CONTRACTOR		No

Part V Supplemental Information

Provide additional information for responses to questions on Schedule L (see instructions)

Return Reference	Explanation
------------------	-------------

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

OMB No 1545-0047

2014

Open to Public Inspection

Name of the organization BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH INC	Employer identification number 13-1739923
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990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION A, LINE 2	THE BOARD CHAIR, MR CORNELL, HAD A BUSINESS RELATIONSHIP WITH MR STERN, BTI'S PRESIDENT
FORM 990, PART VI, SECTION A, LINE 6	THE BOYCE THOMPSON INSTITUTE, INC IS A NY'S MEMBERSHIP CORPORATION
FORM 990, PART VI, SECTION A, LINE 7A	MEMBERS ELECT DIRECTORS
FORM 990, PART VI, SECTION B, LINE 11	BOARD MEMBERS WERE PROVIDED AN ELECTRONIC DRAFT OF THIS RETURN PRIOR TO FILING INPUT WAS PROVIDED TO THE VP FOR FINANCE
FORM 990, PART VI, SECTION B, LINE 12C	ANNUAL CERTIFICATIONS ARE PROVIDED BY DIRECTORS AND OFFICERS TO THE CORPORATE SECRETARY AND D DIRECTOR OF HUMAN RESOURCES CONFLICTS ARE DISCLOSED TO AND REVIEWED BY THE AUDIT COMMITTEE AND BOARD
FORM 990, PART VI, SECTION B, LINE 15	THE BOARD COMPENSATION COMMITTEE ESTABLISHES THE SALARIES OF THE PRESIDENT AND THE VICE PRESIDENT, ANNUALLY COMPARABLE SALARIES AND COST OF LIVING DATA IS PROVIDED BY THE DIRECTOR OF HUMAN RESOURCES MEETING MINUTES, RECOMMENDATIONS AND SUPPORTING DATA ARE RETAINED BY THE COPORATE SECRETARY SALARY REVIEWS ARE PERFORMED ANNUALLY, IN NOVEMBER THE COMPENSATION COMMITTEE MET IN NOVEMBER 2012 TO REVIEW AND SET THE 2013 COMPENSATION FOR THE PRESIDENT, VICE PRESIDENTS, AND VP FOR FINANCE
FORM 990, PART VI, SECTION C, LINE 18	DOCUMENTS ARE AVAILABLE ON REQUEST TO THE CORPORATE SECRETARY
FORM 990, PART VI, SECTION C, LINE 19	DOCUMENTS ARE AVAILABLE ON REQUEST TO THE CORPORATE SECRETARY
FORM 990, PART XI, LINE 9	ADJUSTMENT TO REFLECT PENSION AND POSTRETIREMENT BENEFITS PLAN FUNDING -3,735,293
FORM 990, PART XII, LINE 2C	THE BTI AUDIT COMMITTEE IS RESPONSIBLE FOR OVERSIGHT OF THE AUDIT THIS PROCESS HAS NOT CHANGED FROM PRIOR YEAR