




















For calendar year 2018, or tax year beginning 01-01-2018, and ending 12-31-2018

Name of foundation Gordon E and Betty I Moore Foundation		A Employer identification number 94-3397785	
Number and street (or P O box number if mail is not delivered to street address) 1661 Page Mill Road		B Telephone number (see instructions) (650) 213-3000	
City or town, state or province, country, and ZIP or foreign postal code Palo Alto, CA 94304		C If exemption application is pending, check here <input type="checkbox"/>	
G Check all that apply <input type="checkbox"/> Initial return <input type="checkbox"/> Final return <input type="checkbox"/> Address change <input type="checkbox"/> Initial return of a former public charity <input type="checkbox"/> Amended return <input type="checkbox"/> Name change		D 1. Foreign organizations, check here <input type="checkbox"/> 2. Foreign organizations meeting the 85% test, check here and attach computation <input type="checkbox"/>	
H Check type of organization <input checked="" type="checkbox"/> Section 501(c)(3) exempt private foundation <input type="checkbox"/> Section 4947(a)(1) nonexempt charitable trust <input type="checkbox"/> Other taxable private foundation		E If private foundation status was terminated under section 507(b)(1)(A), check here <input type="checkbox"/>	
I Fair market value of all assets at end of year (from Part II, col (c), line 16) \$ 6,464,453,607		F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here <input type="checkbox"/>	
J Accounting method <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other (specify) _____ (Part I, column (d) must be on cash basis)			

Part I Analysis of Revenue and Expenses (The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a) (see instructions))		(a) Revenue and expenses per books	(b) Net investment income	(c) Adjusted net income	(d) Disbursements for charitable purposes (cash basis only)
Revenue	1 Contributions, gifts, grants, etc , received (attach schedule)	0			
	2 Check <input checked="" type="checkbox"/> if the foundation is not required to attach Sch B				
	3 Interest on savings and temporary cash investments	2,055,507	1,895,119		
	4 Dividends and interest from securities	11,667,386	92,358,778		
	5a Gross rents				
	b Net rental income or (loss) _____				
	6a Net gain or (loss) from sale of assets not on line 10 _____	355,406,640			
	b Gross sales price for all assets on line 6a _____ 451,625,043				
	7 Capital gain net income (from Part IV, line 2)		508,096,317		
	8 Net short-term capital gain				
	9 Income modifications				
	10a Gross sales less returns and allowances _____				
Operating and Administrative Expenses	b Less Cost of goods sold				
	c Gross profit or (loss) (attach schedule)				
	11 Other income (attach schedule)	 161,011,910	-48,081,339		
	12 Total. Add lines 1 through 11	530,141,443	554,268,875		
	13 Compensation of officers, directors, trustees, etc	4,564,289	2,754,794		1,665,197
	14 Other employee salaries and wages	20,113,823	5,846,904		14,028,167
	15 Pension plans, employee benefits	5,538,667	841,956		4,875,554
	16a Legal fees (attach schedule)	 391,031	134,666	0	253,409
	b Accounting fees (attach schedule)	 380,249	168,855	0	132,759
	c Other professional fees (attach schedule)	 10,734,376	5,868,541		4,937,324
	17 Interest				
	18 Taxes (attach schedule) (see instructions)	 889,828			
	19 Depreciation (attach schedule) and depletion	 2,338,278			
	20 Occupancy	1,789,550	419,961		1,399,774
	21 Travel, conferences, and meetings	2,880,826	295,886		2,498,337
	22 Printing and publications	27,187	5,620		24,674
	23 Other expenses (attach schedule)	 1,652,731	303,885		1,362,242
	24 Total operating and administrative expenses. Add lines 13 through 23	51,300,835	16,641,068	0	31,177,437
	25 Contributions, gifts, grants paid	295,741,989			300,499,916
	26 Total expenses and disbursements. Add lines 24 and 25	347,042,824	16,641,068	0	331,677,353
	27 Subtract line 26 from line 12				
	a Excess of revenue over expenses and disbursements	183,098,619			
	b Net investment income (if negative, enter -0-)		537,627,807		
c Adjusted net income (if negative, enter -0-)					

Part II Balance Sheets		Attached schedules and amounts in the description column should be for end-of-year amounts only (See instructions)		
		Beginning of year	End of year	
		(a) Book Value	(b) Book Value	(c) Fair Market Value
Assets	1 Cash—non-interest-bearing	890	1,389	1,389
	2 Savings and temporary cash investments	146,663,311	152,857,726	152,857,726
	3 Accounts receivable ▶ _____ Less allowance for doubtful accounts ▶ _____			
	4 Pledges receivable ▶ _____ Less allowance for doubtful accounts ▶ _____			
	5 Grants receivable			
	6 Receivables due from officers, directors, trustees, and other disqualified persons (attach schedule) (see instructions)			
	7 Other notes and loans receivable (attach schedule) ▶ _____ Less allowance for doubtful accounts ▶ _____			
	8 Inventories for sale or use			
	9 Prepaid expenses and deferred charges	3,226,212	13,070,852	13,070,852
	10a Investments—U S and state government obligations (attach schedule)	717,717,011 	678,898,072	678,898,072
	b Investments—corporate stock (attach schedule)	617,553,367 	523,199,227	523,199,227
	c Investments—corporate bonds (attach schedule)			
	11 Investments—land, buildings, and equipment basis ▶ _____ Less accumulated depreciation (attach schedule) ▶ _____			
	12 Investments—mortgage loans			
	13 Investments—other (attach schedule)	5,203,274,944 	4,906,927,732	4,906,927,732
	14 Land, buildings, and equipment basis ▶ _____ 71,711,329 Less accumulated depreciation (attach schedule) ▶ 33,362,951	40,509,092	38,348,378	38,348,378
15 Other assets (describe ▶ _____)	 131,303,539 	 151,150,231 	 151,150,231	
16 Total assets (to be completed by all filers—see the instructions Also, see page 1, item I)	6,860,248,366	6,464,453,607	6,464,453,607	
Liabilities	17 Accounts payable and accrued expenses	15,063,800	15,137,297	
	18 Grants payable	13,500,000	13,500,000	
	19 Deferred revenue			
	20 Loans from officers, directors, trustees, and other disqualified persons			
	21 Mortgages and other notes payable (attach schedule).			
	22 Other liabilities (describe ▶ _____)	 21,937,134 	 10,584,842	
	23 Total liabilities (add lines 17 through 22)	50,500,934	39,222,139	
Net Assets or Fund Balances	Foundations that follow SFAS 117, check here ▶ <input type="checkbox"/> and complete lines 24 through 26 and lines 30 and 31.			
	24 Unrestricted			
	25 Temporarily restricted			
	26 Permanently restricted			
	Foundations that do not follow SFAS 117, check here ▶ <input checked="" type="checkbox"/> and complete lines 27 through 31.			
	27 Capital stock, trust principal, or current funds			
	28 Paid-in or capital surplus, or land, bldg, and equipment fund			
	29 Retained earnings, accumulated income, endowment, or other funds	6,809,747,432	6,425,231,468	
30 Total net assets or fund balances (see instructions)	6,809,747,432	6,425,231,468		
31 Total liabilities and net assets/fund balances (see instructions) .	6,860,248,366	6,464,453,607		

Part III Analysis of Changes in Net Assets or Fund Balances

1 Total net assets or fund balances at beginning of year—Part II, column (a), line 30 (must agree with end-of-year figure reported on prior year's return)	1	6,809,747,432
2 Enter amount from Part I, line 27a	2	183,098,619
3 Other increases not included in line 2 (itemize) ▶ _____	3	
4 Add lines 1, 2, and 3	4	6,992,846,051
5 Decreases not included in line 2 (itemize) ▶ _____ 	5	567,614,583
6 Total net assets or fund balances at end of year (line 4 minus line 5)—Part II, column (b), line 30 .	6	6,425,231,468

Part IV Capital Gains and Losses for Tax on Investment Income

(a) List and describe the kind(s) of property sold (e g , real estate, 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
1a See Additional Data Table			
b			
c			
d			
e			

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
a See Additional Data Table			
b			
c			
d			
e			

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69

(i) F M V as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col (i) over col (j), if any	(l) Gains (Col (h) gain minus col (k), but not less than -0-) or Losses (from col (h))
a See Additional Data Table			
b			
c			
d			
e			

2 Capital gain net income or (net capital loss) { If gain, also enter in Part I, line 7 If (loss), enter -0- in Part I, line 7 }	2	508,096,317
3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6) If gain, also enter in Part I, line 8, column (c) (see instructions) If (loss), enter -0- in Part I, line 8 { }	3	

Part V Qualification Under Section 4940(e) for Reduced Tax on Net Investment Income

(For optional use by domestic private foundations subject to the section 4940(a) tax on net investment income)

If section 4940(d)(2) applies, leave this part blank

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period? ☐ Yes ☒ No

If "Yes," the foundation does not qualify under section 4940(e) Do not complete this part

1 Enter the appropriate amount in each column for each year, see instructions before making any entries

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col (b) divided by col (c))
2017	315,218,816	6,485,410,590	0 048604
2016	322,394,294	6,262,205,026	0 051483
2015	315,674,736	6,388,576,896	0 049412
2014	253,318,963	6,400,798,341	0 039576
2013	301,884,566	6,113,723,669	0 049378




2 Total of line 1, column (d) { }	2	0 238453
3 Average distribution ratio for the 5-year base period—divide the total on line 2 by 5 0, or by the number of years the foundation has been in existence if less than 5 years { }	3	0 047691
4 Enter the net value of noncharitable-use assets for 2018 from Part X, line 5 { }	4	6,661,611,870
5 Multiply line 4 by line 3 { }	5	317,698,932
6 Enter 1% of net investment income (1% of Part I, line 27b) { }	6	5,376,278
7 Add lines 5 and 6 { }	7	323,075,210
8 Enter qualifying distributions from Part XII, line 4 { }	8	332,854,918

If line 8 is equal to or greater than line 7, check the box in Part VI, line 1b, and complete that part using a 1% tax rate See the Part VI instructions






Part VI Excise Tax Based on Investment Income (Section 4940(a), 4940(b), 4940(e), or 4948—see instructions)

1a	Exempt operating foundations described in section 4940(d)(2), check here <input type="checkbox"/> and enter "N/A" on line 1 Date of ruling or determination letter _____ (attach copy of letter if necessary—see instructions)		
b	Domestic foundations that meet the section 4940(e) requirements in Part V, check here <input checked="" type="checkbox"/> and enter 1% of Part I, line 27b	1	5,376,278
c	All other domestic foundations enter 2% of line 27b. Exempt foreign organizations enter 4% of Part I, line 12, col (b)		
2	Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)	2	
3	Add lines 1 and 2.	3	5,376,278
4	Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)	4	
5	Tax based on investment income. Subtract line 4 from line 3. If zero or less, enter -0-	5	5,376,278
6	Credits/Payments		
a	2018 estimated tax payments and 2017 overpayment credited to 2018	6a	11,767,715
b	Exempt foreign organizations—tax withheld at source	6b	
c	Tax paid with application for extension of time to file (Form 8868)	6c	
d	Backup withholding erroneously withheld	6d	
7	Total credits and payments. Add lines 6a through 6d.	7	11,767,715
8	Enter any penalty for underpayment of estimated tax. Check here <input type="checkbox"/> if Form 2220 is attached	8	
9	Tax due. If the total of lines 5 and 8 is more than line 7, enter amount owed ▶	9	
10	Overpayment. If line 7 is more than the total of lines 5 and 8, enter the amount overpaid ▶	10	6,391,437
11	Enter the amount of line 10 to be Credited to 2019 estimated tax ▶ 6,391,437 Refunded ▶	11	




Part VII-A Statements Regarding Activities

	Yes	No
1a During the tax year, did the foundation attempt to influence any national, state, or local legislation or did it participate or intervene in any political campaign? 	1a	No
b Did it spend more than \$100 during the year (either directly or indirectly) for political purposes? (see Instructions for definition). If the answer is "Yes" to 1a or 1b , attach a detailed description of the activities and copies of any materials published or distributed by the foundation in connection with the activities	1b	No
c Did the foundation file Form 1120-POL for this year?	1c	No
d Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year (1) On the foundation ▶ \$ _____ (2) On foundation managers ▶ \$ _____		
e Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers ▶ \$ _____		
2 Has the foundation engaged in any activities that have not previously been reported to the IRS? If "Yes," attach a detailed description of the activities	2	No
3 Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? If "Yes," attach a conformed copy of the changes 	3	Yes
4a Did the foundation have unrelated business gross income of \$1,000 or more during the year?	4a	Yes
b If "Yes," has it filed a tax return on Form 990-T for this year?	4b	Yes
5 Was there a liquidation, termination, dissolution, or substantial contraction during the year? If "Yes," attach the statement required by General Instruction T 	5	No
6 Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either • By language in the governing instrument, or • By state legislation that effectively amends the governing instrument so that no mandatory directions that conflict with the state law remain in the governing instrument?	6	Yes
7 Did the foundation have at least \$5,000 in assets at any time during the year? If "Yes," complete Part II, col (c), and Part XV	7	Yes
8a Enter the states to which the foundation reports or with which it is registered (see instructions) ▶ CA, DE		
b If the answer is "Yes" to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by General Instruction G? If "No," attach explanation .	8b	Yes
9 Is the foundation claiming status as a private operating foundation within the meaning of section 4942(j)(3) or 4942(j)(5) for calendar year 2018 or the taxable year beginning in 2018? See the instructions for Part XIV. If "Yes," complete Part XIV	9	No
10 Did any persons become substantial contributors during the tax year? If "Yes," attach a schedule listing their names and addresses	10	No

Part VII-A Statements Regarding Activities (continued)




















11	At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule See instructions 	11	Yes	
12	Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement See instructions 	12	Yes	
13	Did the foundation comply with the public inspection requirements for its annual returns and exemption application? Website address  www.moore.org	13	Yes	
14	The books are in care of  JANCY GOH Telephone no  (650) 213-3000			

Located at  1661 PAGE MILL ROAD PALO ALTO CA ZIP+4  94304

15	Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 —check here 			
	and enter the amount of tax-exempt interest received or accrued during the year  15			
16	At any time during calendar year 2018, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country?	16	Yes	No
	See the instructions for exceptions and filing requirements for FinCEN Form 114 If "Yes", enter the name of the foreign country  BR			

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required

File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.

1a	During the year did the foundation (either directly or indirectly)		Yes	No
	(1) Engage in the sale or exchange, or leasing of property with a disqualified person?  Yes  No			
	(2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person?  Yes  No			
	(3) Furnish goods, services, or facilities to (or accept them from) a disqualified person?  Yes  No			
	(4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person?  Yes  No			
	(5) Transfer any income or assets to a disqualified person (or make any of either available for the benefit or use of a disqualified person)?  Yes  No			
	(6) Agree to pay money or property to a government official? (Exception. Check "No" if the foundation agreed to make a grant to or to employ the official for a period after termination of government service, if terminating within 90 days).  Yes  No			
b	If any answer is "Yes" to 1a(1)–(6), did any of the acts fail to qualify under the exceptions described in Regulations section 53.4941(d)-3 or in a current notice regarding disaster assistance? See instructions 	1b		No
c	Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2018?	1c		No
2	Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5))			
a	At the end of tax year 2018, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2018?  Yes  No If "Yes," list the years  20____, 20____, 20____, 20____			
b	Are there any years listed in 2a for which the foundation is not applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to all years listed, answer "No" and attach statement—see instructions).	2b		
c	If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here  20____, 20____, 20____, 20____			
3a	Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year?  Yes  No			
b	If "Yes," did it have excess business holdings in 2018 as a result of (1) any purchase by the foundation or disqualified persons after May 26, 1969, (2) the lapse of the 5-year period (or longer period approved by the Commissioner under section 4943(c)(7)) to dispose of holdings acquired by gift or bequest, or (3) the lapse of the 10-, 15-, or 20-year first phase holding period?(Use Schedule C, Form 4720, to determine if the foundation had excess business holdings in 2018).	3b		No
4a	Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?	4a		No
b	Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2018?	4b		No

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required (continued)

		Yes	No
5a	During the year did the foundation pay or incur any amount to		
(1)	Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
(2)	Influence the outcome of any specific public election (see section 4955), or to carry on, directly or indirectly, any voter registration drive?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
(3)	Provide a grant to an individual for travel, study, or other similar purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
(4)	Provide a grant to an organization other than a charitable, etc., organization described in section 4945(d)(4)(A)? See instructions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
(5)	Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
b	If any answer is "Yes" to 5a(1)–(5), did any of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance? See instructions.	5b	No
	Organizations relying on a current notice regarding disaster assistance check here.	<input type="checkbox"/>	
c	If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	If "Yes," attach the statement required by Regulations section 53.4945–5(d).		
6a	Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
b	Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	6b	No
	If "Yes" to 6b, file Form 8870		
7a	At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
b	If yes, did the foundation receive any proceeds or have any net income attributable to the transaction?	7b	
8	Is the foundation subject to the section 4960 tax on payment(s) of more than \$1,000,000 in remuneration or excess parachute payment during the year?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors**1 List all officers, directors, trustees, foundation managers and their compensation. See instructions**

(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
See Additional Data Table				

2 Compensation of five highest-paid employees (other than those included on line 1—see instructions). If none, enter "NONE."

(a) Name and address of each employee paid more than \$50,000	(b) Title, and average hours per week devoted to position	(c) Compensation	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
NILES BYRANT 1661 PAGE MILL ROAD PALO ALTO, CA 94304	INVESTMENT DIRECTOR 37 5	1,192,146	223,160	0
ALISON BARAD 1661 PAGE MILL ROAD PALO ALTO, CA 94304	INVESTMENT DIRECTOR 37 5	1,163,864	235,529	
DALE KUNKEL 1661 PAGE MILL ROAD PALO ALTO, CA 94304	INVESTMENT DIRECTOR 37 5	1,126,676	239,395	0
FELICIA CHIU 1661 PAGE MILL ROAD PALO ALTO, CA 94304	INVESTMENT DIRECTOR 37 5	1,104,530	234,507	0
EMILY HSI 1661 PAGE MILL ROAD PALO ALTO, CA 94304	INVESTMENT DIRECTOR 37 5	420,000	44,798	0

Total number of other employees paid over \$50,000. 101

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors (continued)
3 Five highest-paid independent contractors for professional services (see instructions). If none, enter "NONE".

(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
Generation Inv Management LLP 20 AIR STREET 7TH FLOOR LONDON, UK W1B 5AN UK	Investment Manager	1,473,857
Silchester Intl Investors 780 3rd Ave 42nd FL NEW YORK, NY 10017	Investment Manager	1,301,996
Eagle Capital Management LLC 499 Park Ave 17th FL NEW YORK, NY 10022	Investment Manager	815,370
Wellington Trust Company 280 Congress Street BOSTON, MA 02210	Investment Manager	714,906
The Boston Consulting Group Inc 200 Pier Four Blvd BOSTON, MA 02210	Consulting Firm	550,000
Total number of others receiving over \$50,000 for professional services. ▶		41

Part IX-A Summary of Direct Charitable Activities

List the foundation's four largest direct charitable activities during the tax year. Include relevant statistical information such as the number of organizations and other beneficiaries served, conferences convened, research papers produced, etc.

	Expenses
1 SEE GENERAL EXPLANATION ATTACHMENT 2	3,351,167
2	
3	
4	

Part IX-B Summary of Program-Related Investments (see instructions)

Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2	Amount
1 FRB YUBA PROJECT - TO SUPPORT FOREST HEALTH THROUGH A FOREST RESILIENCE BOND, WHICH WILL ENABLE CAPITAL TO FINANCE FOREST RESTORATION	1,000,000
2	
All other program-related investments. See instructions.	
3	
Total. Add lines 1 through 3 ▶	1,000,000

Part X Minimum Investment Return (All domestic foundations must complete this part. Foreign foundations, see instructions.)

1	Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes		
a	Average monthly fair market value of securities.	1a	3,025,580,356
b	Average of monthly cash balances.	1b	126,549,829
c	Fair market value of all other assets (see instructions).	1c	3,610,927,551
d	Total (add lines 1a, b, and c).	1d	6,763,057,736
e	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation).	1e	
2	Acquisition indebtedness applicable to line 1 assets.	2	0
3	Subtract line 2 from line 1d.	3	6,763,057,736
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions).	4	101,445,866
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4.	5	6,661,611,870
6	Minimum investment return. Enter 5% of line 5.	6	333,080,594

Part XI Distributable Amount (see instructions) (Section 4942(j)(3) and (j)(5) private operating foundations and certain foreign organizations check here ☐ and do not complete this part.)

1	Minimum investment return from Part X, line 6.	1	333,080,594
2a	Tax on investment income for 2018 from Part VI, line 5.	2a	5,376,278
b	Income tax for 2018 (This does not include the tax from Part VI).	2b	
c	Add lines 2a and 2b.	2c	5,376,278
3	Distributable amount before adjustments. Subtract line 2c from line 1.	3	327,704,316
4	Recoveries of amounts treated as qualifying distributions.	4	5,037,927
5	Add lines 3 and 4.	5	332,742,243
6	Deduction from distributable amount (see instructions).	6	
7	Distributable amount as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1.	7	332,742,243

Part XII Qualifying Distributions (see instructions)

1	Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes		
a	Expenses, contributions, gifts, etc.—total from Part I, column (d), line 26.	1a	331,677,353
b	Program-related investments—total from Part IX-B.	1b	1,000,000
2	Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes.	2	177,565
3	Amounts set aside for specific charitable projects that satisfy the		
a	Suitability test (prior IRS approval required).	3a	0
b	Cash distribution test (attach the required schedule).	3b	0
4	Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4.	4	332,854,918
5	Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b. See instructions.	5	5,376,278
6	Adjusted qualifying distributions. Subtract line 5 from line 4.	6	327,478,640

Note: The amount on line 6 will be used in Part V, column (b), in subsequent years when calculating whether the foundation qualifies for the section 4940(e) reduction of tax in those years.

Part XIII Undistributed Income (see instructions)

	(a) Corpus	(b) Years prior to 2017	(c) 2017	(d) 2018
1 Distributable amount for 2018 from Part XI, line 7				332,742,243
2 Undistributed income, if any, as of the end of 2018				
a Enter amount for 2017 only.			38,725,722	
b Total for prior years 2016, 2015, 2014				
3 Excess distributions carryover, if any, to 2018				
a From 2013.				
b From 2014.				
c From 2015.				
d From 2016.				
e From 2017.	0			
f Total of lines 3a through e.	0			
4 Qualifying distributions for 2018 from Part XII, line 4 ▶ \$ <u>332,854,918</u>				
a Applied to 2017, but not more than line 2a			38,725,722	
b Applied to undistributed income of prior years (Election required—see instructions).				
c Treated as distributions out of corpus (Election required—see instructions).				
d Applied to 2018 distributable amount.				294,129,196
e Remaining amount distributed out of corpus	0			
5 Excess distributions carryover applied to 2018 (If an amount appears in column (d), the same amount must be shown in column (a))	0			0
6 Enter the net total of each column as indicated below:				
a Corpus Add lines 3f, 4c, and 4e Subtract line 5	0			
b Prior years' undistributed income Subtract line 4b from line 2b.				
c Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed.				
d Subtract line 6c from line 6b Taxable amount—see instructions.				
e Undistributed income for 2017 Subtract line 4a from line 2a Taxable amount—see instructions.				
f Undistributed income for 2018 Subtract lines 4d and 5 from line 1 This amount must be distributed in 2019.				38,613,047
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (Election may be required - see instructions).				
8 Excess distributions carryover from 2013 not applied on line 5 or line 7 (see instructions).				
9 Excess distributions carryover to 2019. Subtract lines 7 and 8 from line 6a.	0			
10 Analysis of line 9				
a Excess from 2014.				
b Excess from 2015.				
c Excess from 2016.				
d Excess from 2017.				
e Excess from 2018.	0			

Part XIV Private Operating Foundations (see instructions and Part VII-A, question 9)

1a If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2018, enter the date of the ruling. ▶

b Check box to indicate whether the organization is a private operating foundation described in section ☐ 4942(j)(3) or ☐ 4942(j)(5)

2a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed

Tax year	Prior 3 years			(e) Total
(a) 2018	(b) 2017	(c) 2016	(d) 2015	
b 85% of line 2a				
c Qualifying distributions from Part XII, line 4 for each year listed				
d Amounts included in line 2c not used directly for active conduct of exempt activities				
e Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c				
3 Complete 3a, b, or c for the alternative test relied upon				
a "Assets" alternative test—enter				
(1) Value of all assets				
(2) Value of assets qualifying under section 4942(j)(3)(B)(i)				
b "Endowment" alternative test— enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed. . .				
c "Support" alternative test—enter				
(1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties)				
(2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii).				
(3) Largest amount of support from an exempt organization				
(4) Gross investment income				

Part XV Supplementary Information (Complete this part only if the foundation had \$5,000 or more in assets at any time during the year—see instructions.)

1 Information Regarding Foundation Managers:

a List any managers of the foundation who have contributed more than 2% of the total contributions received by the foundation before the close of any tax year (but only if they have contributed more than \$5,000) (See section 507(d)(2))

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b List any managers of the foundation who own 10% or more of the stock of a corporation (or an equally large portion of the ownership of a partnership or other entity) of which the foundation has a 10% or greater interest

NONE

2 Information Regarding Contribution, Grant, Gift, Loan, Scholarship, etc., Programs:

Check here ☒ if the foundation only makes contributions to preselected charitable organizations and does not accept unsolicited requests for funds. If the foundation makes gifts, grants, etc. to individuals or organizations under other conditions, complete items 2a, b, c, and d. See instructions.

a The name, address, and telephone number or email address of the person to whom applications should be addressed

b The form in which applications should be submitted and information and materials they should include

c Any submission deadlines

d Any restrictions or limitations on awards, such as by geographical areas, charitable fields, kinds of institutions, or other factors

Part XV **Supplementary Information** (continued)**3 Grants and Contributions Paid During the Year or Approved for Future Payment**

Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i> See Additional Data Table				
Total ▶ 3a				
b <i>Approved for future payment</i> See Additional Data Table				
Total ▶ 3b				

Enter gross amounts unless otherwise indicated

Unrelated business income		Excluded by section 512, 513, or 514		(e) Related or exempt function income (See instructions)
(a) Business code	(b) Amount	(c) Exclusion code	(d) Amount	
1 Program service revenue				
a _____				
b _____				
c _____				
d _____				
e _____				
f _____				
g Fees and contracts from government agencies				
2 Membership dues and assessments. . . .				
3 Interest on savings and temporary cash investments				
		14	2,055,507	
4 Dividends and interest from securities. . . .				
		14	11,667,386	
5 Net rental income or (loss) from real estate				
a Debt-financed property.				
b Not debt-financed property.				
6 Net rental income or (loss) from personal property				
7 Other investment income.				
8 Gain or (loss) from sales of assets other than inventory				
525990	7,034,486	18	348,372,154	
9 Net income or (loss) from special events				
10 Gross profit or (loss) from sales of inventory				
11 Other revenue				
a INCOME (LOSS) FROM LIMITED PARTNERSHIPS	525990	-27,320,003	32	176,979,621
b DEFERRED EXCISE TAX		01	11,352,292	
c _____				
d _____				
e _____				
12 Subtotal Add columns (b), (d), and (e). .				
	-20,285,517		550,426,960	
13 Total. Add line 12, columns (b), (d), and (e).				
			13	530,141,443

(See worksheet in line 13 instructions to verify calculations)

Part XVI-B Relationship of Activities to the Accomplishment of Exempt Purposes

[illegible]

Part XVII

	Yes	No
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1a(1)	No
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1a(2)		No
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1b(1)	No
--------------	-----------

1b(2)	No
--------------	-----------

1b(3)		No
--------------	--	-----------

1b(4)		No
--------------	--	-----------

1b(5)		No
--------------	--	-----------

1b(6)		No
--------------	--	-----------

1c		No
-----------	--	-----------

value
ue


[illegible]

2a Is the foundation directly or indirectly affiliated with, or related to, one or more tax-exempt organizations

described in section 501(c) (other than section 501(c)(3)) or in section 527? ☐ Yes ☒ No

b If "Yes," complete the following schedule

(a) Name of organization	(b) Type of organization	(c) Description of relationship

Sign Here 	*****	2019-11-12	*****	<div>May the IRS discuss this return with the preparer shown below</div> <div>(see instr)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</div>
	Signature of officer or trustee	Date	Title	

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 taxpayer) is based on all information of which preparer has any knowledge.

May the IRS discuss this return with the preparer shown below

(see instr)? ☒ **Yes** ☐ **No**

Paid Preparer Use Only	Michelle L Weber				
	Firm's name ► Grant Thornton LLP				Firm's EIN ►
	Firm's address ► 100 E Wisconsin Ave Milwaukee, WI 53202				Phone no (414) 289-8200

P00556798

Firm's EIN ►

Phone no (414) 289-8200

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

(a) List and describe the kind(s) of property sold (e g , real estate, 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
1 NORTHERN TRUST ACCOUNTS	P		
1 FUND 3	P		
FUND 5	P		
FUND 6	P		
FUND 7	P		
FUND 8	P		
FUND 9	P		
FUND 10	P		
FUND 11	P		
FUND 13	P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
451,625,043		260,241,919	191,383,124
			1,911,995
			159,339
			284,211
			2,475
			15,103
			5,030,959
			103,514
			15,457
			19,737,784

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

(a) List and describe the kind(s) of property sold (e g , real estate, 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 16	P		
1 FUND 17	P		
FUND 18	P		
FUND 19	P		
FUND 21	P		
FUND 22	P		
FUND 23	P		
FUND 24	P		
FUND 25	P		
FUND 26	P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	Cost or other basis (g) plus expense of sale	Gain or (loss) (h) (e) plus (f) minus (g)
			3,193,742
			221,328
			-253,916
			2,446,935
			24,281
			2,498
			2,624,950
			1,203,437
			612,877
			1,320,682

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

List and describe the kind(s) of property sold (e g , real estate, (a) 2-story brick warehouse, or common stock, 200 shs MLC Co)		(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 27		P		
1 FUND 28		P		
FUND 29		P		
FUND 31		P		
FUND 32		P		
FUND 34		P		
FUND 36		P		
FUND 38		P		
FUND 39		P		
FUND 40		P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
			3,463,096
			148,161
			503,838
			74,530
			739,316
			814,253
			104,958,936
			6,384
			-530,379
			-404,085

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

List and describe the kind(s) of property sold (e g , real estate, (a) 2-story brick warehouse, or common stock, 200 shs MLC Co)		(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 41		P		
1 FUND 42		P		
FUND 43		P		
FUND 44		P		
FUND 45		P		
FUND 46		P		
FUND 47		P		
FUND 48		P		
FUND 49		P		
FUND 50		P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
			37,500
			-1,084,476
			-755,974
			55,933
			8,044,128
			10,071,769
			-44,156
			436,093
			-1,933,816
			17,013,799

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

List and describe the kind(s) of property sold (e g , real estate, (a) 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 51	P		
1 FUND 52	P		
FUND 54	P		
FUND 55	P		
FUND 57	P		
FUND 59	P		
FUND 60	P		
FUND 61	P		
FUND 63	P		
FUND 64	P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
			26,152
			-124,563
			251,713
			-460,515
			-3,347,260
			148,985
			-60,725
			-258,715
			701,549
			1,194,556

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns j - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

(a) List and describe the kind(s) of property sold (e g , real estate, 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 66	P		
1 FUND 67	P		
FUND 68	P		
FUND 69	P		
FUND 70	P		
FUND 71	P		
FUND 71	P		
FUND 72	P		
FUND 74	P		
FUND 75	P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
			-122,685
			-2,360
			-834,247
			813,893
			15,802,782
			-1,671
			-26,892
			5,245
			-179,144
			-493,507

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns j - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

List and describe the kind(s) of property sold (e g , real estate, (a) 2-story brick warehouse, or common stock, 200 shs MLC Co)		(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 76		P		
1 FUND 77		P		
FUND 79		P		
FUND 80		P		
FUND 82		P		
FUND 84		P		
FUND 86		P		
FUND 88		P		
FUND 89		P		
FUND 90		P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
			11,662,121
			4,422,990
			15,509
			2,142,982
			372,743
			967,715
			641,383
			153,116
			-1,993
			1,192,485

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

(a) List and describe the kind(s) of property sold (e g , real estate, 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 91	P		
1 FUND 93	P		
FUND 94	P		
FUND 95	P		
FUND 97	P		
FUND 98	P		
FUND 99	P		
FUND 100	P		
FUND 101	P		
FUND 102	P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	Cost or other basis (g) plus expense of sale	Gain or (loss) (h) (e) plus (f) minus (g)
			1,516,045
			3,328,972
			3,238,845
			1,046,215
			530,009
			163,614
			367,683
			330,470
			-13,725
			4,276,771

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns j - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

List and describe the kind(s) of property sold (e g , real estate, (a) 2-story brick warehouse, or common stock, 200 shs MLC Co)		(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 104		P		
1 FUND 105		P		
FUND 106		P		
FUND 107		P		
FUND 109		P		
FUND 110		P		
FUND 111		P		
FUND 112		P		
FUND 113		P		
FUND 114		P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	Cost or other basis (g) plus expense of sale	Gain or (loss) (h) (e) plus (f) minus (g)
			-3,109,858
			-140,575
			4,897
			34,410
			10,776,642
			328,262
			642,380
			-867,208
			1,345,250
			-516,912

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns j - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

List and describe the kind(s) of property sold (e g , real estate, (a) 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 115	P		
1 FUND 116	P		
FUND 118	P		
FUND 119	P		
FUND 120	P		
FUND 122	P		
FUND 127	P		
FUND 128	P		
FUND 129	P		
FUND 131	P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
			5,293
			-214,569
			4,443,895
			-977
			104,946
			-53,510
			1,747,554
			-954,694
			11,066
			1,004,987

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns j - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

(a) List and describe the kind(s) of property sold (e g , real estate, 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 134	P		
1 FUND 135	P		
FUND 136	P		
FUND 138	P		
FUND 141	P		
FUND 144	P		
FUND 147	P		
FUND 148	P		
FUND 149	P		
FUND 150	P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
			-103,000
			-34
			81,540
			2,156,930
			6,144
			3,054,085
			21,448,703
			107,183
			19,525,449
			429

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

(a) List and describe the kind(s) of property sold (e g , real estate, 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 151	P		
1 FUND 152	P		
FUND 154	P		
FUND 155	P		
FUND 156	P		
FUND 157	P		
FUND 158	P		
FUND 159	P		
FUND 159	P		
FUND 160	P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
			1,317,090
			1,875,627
			-3,815
			1,570,438
			-455,843
			1,401,210
			6,992
			638,349
			-614,092
			-262,489

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns j - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

List and describe the kind(s) of property sold (e g , real estate, (a) 2-story brick warehouse, or common stock, 200 shs MLC Co)		(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 161		P		
1 FUND 162		P		
FUND 163		P		
FUND 165		P		
FUND 169		P		
FUND 170		P		
FUND 171		P		
FUND 173		P		
FUND 174		P		
FUND 175		P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
			77,062
			-18,055
			242,370
			-13,204
			565,320
			1,121,019
			-72,465
			516,618
			545,632
			148,495

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns j - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

(a) List and describe the kind(s) of property sold (e g , real estate, 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 176	P		
1 FUND 178	P		
FUND 180	P		
FUND 194	P		
FUND 196	P		
FUND 207	P		
FUND 208	P		
FUND 214	P		
FUND 219	P		
FUND 222	P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
			48,797
			23,502
			-157
			-6
			-254,526
			-42,740
			-22,024
			-23
			231,378
			6,850

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

List and describe the kind(s) of property sold (e g , real estate, (a) 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 227	P		
1 FUND 229	P		
FUND 231	P		
FUND 232	P		
FUND 239	P		
FUND 245	P		
FUND 246	P		
FUND 247	P		
FUND 248	P		
FUND 249	P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	Depreciation allowed (f) (or allowable)	Cost or other basis (g) plus expense of sale	Gain or (loss) (h) (e) plus (f) minus (g)
			1,209,794
			15,384,849
			520
			-190
			401,229
			-913
			265,172
			10,884,953
			3,264,037
			-350,226

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

List and describe the kind(s) of property sold (e g , real estate, (a) 2-story brick warehouse, or common stock, 200 shs MLC Co)		(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 250		P		
1 FUND 254		P		
FUND 259		P		
FUND 265		P		
FUND 266		P		
FUND 267		P		
FUND 268		P		
FUND 269		P		
FUND 270		P		
FUND 271		P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
			-5,653,462
			-9,260,707
			-1,596,845
			2,482,233
			-3,589,176
			-14,788,668
			370,002
			7,310
			1,038,668
			2

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

[illegible]

List and describe the kind(s) of property sold (e g , real estate, (a) 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 272	P		
1 FUND 273	P		
FUND 274	P		
FUND 275	P		
FUND 276	P		
FUND 277	P		
FUND 278	P		
FUND 279	P		
FUND 280	P		
FUND 281	P		

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
			5,362
			22,301,984
			-3,591
			-92,459
			-867,208
			-9,904
			-377,926
			2,932
			-2,984
			-482,776

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

List and describe the kind(s) of property sold (e g , real estate, (a) 2-story brick warehouse, or common stock, 200 shs MLC Co)		(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 282		P		
1 FUND 283		P		
FUND 284		P		
FUND 285		P		
FUND 286		P		
FUND 287		P		
FUND 288		P		
FUND 289		P		
FUND 290		P		
FUND 291		P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
			24,665
			-57,281
			-171,924
			-109,183
			1,087,624
			-404,454
			341,707
			-555,600
			-137,051
			226,068

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

[illegible]

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d
















List and describe the kind(s) of property sold (e g , real estate, (a) 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
FUND 292	P		
1 FUND 293	P		
FUND 294	P		
LOSS ON FOREIGN CURRENCY	P		
FINAL LOSS ON PARTNERSHIP DISPOSITIONS	P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h



(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
			258,588
			3,465
			267,272
			-311,547
			-3,396,228

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			(I) Gains (Col (h) gain minus col (k), but not less than -0-) or Losses (from col (h))
(i) F M V as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col (i) over col (j), if any	

Form 990PF Part VIII Line 1 - List all officers, directors, trustees, foundation managers and their compensation				
(a) Name and address	Title, and average hours per week (b) devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	Expense account, (e) other allowances
GORDON E MOORE 	BOARD CHAIRMAN 4 0	0	3,930	0
1661 Page Mill Road Palo Alto, CA 94304				
BRUCE ALBERTS 	TRUSTEE 3 0	0	3,930	0
1661 Page Mill Road Palo Alto, CA 94304				
ROSINA BIERBAUM 	TRUSTEE 3 0	0	3,930	0
1661 Page Mill Road Palo Alto, CA 94304				
JIM GAITHER 	TRUSTEE 3 0	0	3,930	0
1661 Page Mill Road Palo Alto, CA 94304				
PAUL GRAY 	VICE CHAIRMAN 3 0	0	3,930	0
1661 Page Mill Road Palo Alto, CA 94304				
JOHN HENNESSY 	TRUSTEE 3 0	0	3,930	0
1661 Page Mill Road Palo Alto, CA 94304				
HILARY KRANE 	TRUSTEE 3 0	0	3,930	0
1661 Page Mill Road Palo Alto, CA 94304				
KRISTEN MOORE 	TRUSTEE 3 0	0	3,930	0
1661 Page Mill Road Palo Alto, CA 94304				
KATHLEEN JUSTICE-MOORE 	TRUSTEE 3 0	0	3,930	0
1661 Page Mill Road Palo Alto, CA 94304				
STEVE MOORE 	TRUSTEE 3 0	0	3,930	0
1661 Page Mill Road Palo Alto, CA 94304				
ELLEN OCHOA 	TRUSTEE 3 0	0	3,930	0
1661 Page Mill Road Palo Alto, CA 94304				
KEN SIEBEL 	TRUSTEE 3 0	0	3,930	0
1661 Page Mill Road Palo Alto, CA 94304				
EDWARD E PENHOET 	INVESTMENT COMMITTEE MEMBER 3 0	0	3,930	0
1661 Page Mill Road Palo Alto, CA 94304				
KENNETH MOORE 	TRUSTEE, CPO SF BAY AREA & CAO 37 5	365,000	80,746	0
1661 Page Mill Road Palo Alto, CA 94304				
HARVEY V FINEBERG 	TRUSTEE & PRESIDENT 37 5	883,330	76,402	0
1661 Page Mill Road Palo Alto, CA 94304				

Form 990PF Part VIII Line 1 - List all officers, directors, trustees, foundation managers and their compensation

(a) Name and address	Title, and average hours per week (b) devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	Expense account, (e) other allowances
SASHA ABRAMS  1661 Page Mill Road Palo Alto, CA 94304	GEN COUNSEL & SECRETARY 37 5	430,000	76,607	0
DENISE STRACK  1661 Page Mill Road Palo Alto, CA 94304				

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment

Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Agencia Estatal Del Consejo Superior de Investigac CMIMA-Pssg de la Barceloneta 37-49 Barcelona SP	N/A	GOV	In support of developing genetic tools for marine protists	182,618
Aid for Threatened Wildlife - Frankfurt Zoological Calle los Cipreses H-21 Residencial Cusco PE	N/A	PC	To increase consolidation conditions for the Upper Purus Mosaic containing highly diverse protected areas and indigenous lands, and covering more than 6 3 million hectares of intact Amazon forest	100,000
Altarum Institute3520 Green Court 300 Ann Arbor, MI 48105	N/A	PC	To develop a method for monitoring and managing the supply and quality of supportive services for high-need frail elders living in a particular geographic community by aggregating care plans	373,500
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Amazon Conservation Association 1012 14th Street NW Suite 625 Washington, DC 20005	N/A	PC	To consolidate management of three protected areas in the Madidi-Tambopata mosaic of Peru and Bolivia, and encourage greater integration of the areas into regional development planning as part of a strategy to address external threats	200,000
Amer Academy of Hospice and Palliative Medicine 8735 W Higgins Road Suite 300 Chicago, IL 60631	N/A	PC	To support the development and launch of a single unified national palliative care registry to advance quality improvement and accountability for serious illness care	2,016,210
American Assoc for the Advancement of Science 1200 New York Avenue NW Washington, DC 20005	N/A	PC	To enhance support for the value of science and investment in science and technology research	300,000
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
American Assoc for the Advancement of Science 1200 New York Avenue NW Washington, DC 20005	N/A	PC	In support of placing PhD-level science and technology policy fellows in the White House Office of Science and Technology Policy and offices related to the justice functions of the U S government to improve U S policymaking by bringing more science to the decision-making process	363,384
American Assoc for the Advancement of Science 1200 New York Avenue NW Washington, DC 20005	N/A	PC	In support of the use of scientifically sound evidence for public issues and decision making	500,000
American Board of Medical Specialties Research 353 North Clark Street Suite 1400 Chicago, IL 60654	N/A	SO I	To support early-career Visiting Scholars conducting research on improving clinician diagnostic performance at the American Board of Medical Specialties	25,000
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
American Institute of Physics Incorporated 1 Physics Ellipse College Park, MD 20740	N/A	PC	In support of a conference and white paper outlining how to capture and share the events and activities of major scientific endeavors to preserve the historical record and illuminate the process of science	66,250
American Physical Society 1 Physics Ellipse College Park, MD 207403844	N/A	PC	To enable travel grants, meetings, and lectures which aim to develop new approaches for advancing fundamental physics	342,137
Annual Reviews Inc4139 El Camino Way Palo Alto, CA 94306	N/A	PC	In support of Annual Reviews and the development of Research Lounge, a digital magazine that will communicate scientific knowledge in a new and more accessible way	400,000
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Arizona Board of Regents 1630 E University Boulevard Tucson, AZ 85721	N/A	GOV	To design and fabricate a novel ultralight lens for use in future large aperture wide-field space telescopes	666,667
Arizona Board of Regents 1118 E Fourth Street Tucson, AZ 85721	N/A	GOV	In support of a project to improve the time resolution of electron microscopy in order to visualize chemistry in real time	745,000
Arizona State University Goldwater Center 208 650 E Tyler Tempe, AZ 85281	N/A	GOV	In support of research and development of an aerosol-based method to transform raw nanomaterials into tunable structured coatings	225,000
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment

Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Associacao de Defesa Etnoambiental Kaninde Rua Dom Pedro II 1892 sala 07Ba Porto Velho, RO 78901-150 BR	N/A	PC	To improve the consolidation status of four Andes-Amazon Initiative key protected areas and indigenous lands, totaling approximately 2,450,000 hectares in the Brazilian Amazonian state of Rondonia, through implementing management plans and building the capacity of indigenous organizations to exercise their rights and defend their lands	405,000
Associated Universities Inc 155 Observatory Road PO Box 2 Green Bank, WV 24944	N/A	PC	To support the construction of a new ultra-wideband radio receiver that will improve capabilities to detect low-frequency gravitational waves	740,000
Astronomical Society of the Pacific 390 Ashton Avenue San Francisco, CA 94112	N/A	PC	In support of enhanced public engagement in astronomy through the distribution of low-cost Galileoscope telescope kits and online professional development opportunities for informal and formal educators	47,209
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment

Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Bay Area Open Space Council 2150 Allston Way Suite 320 Berkeley, CA 94704	N/A	PC	To enhance and update the Bay Area Conservation Lands Network through inclusion of new datasets, an updated user interface, improved functionality, metrics for key conservation performance indicators, and expanded user base	147,000
Baylor College of Medicine One Baylor Plaza Houston, TX 77030	N/A	PC	To support the creation of a program of diagnostic safety surveillance and improvement within a large integrated health system	1,174,692
Berkeley Lab Foundation 1111 Franklin Street 7th Floor Oakland, CA 94607	N/A	SO I	In support of efforts to demonstrate a path to compact free electron lasers for eventual use as powerful, affordable x-ray sources for scientific discovery	240,000
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment

Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Biology Centre of the Czech Academy of Sciences Branisovska 31 Ceske Budejovice EZ	N/A	GOV	In support of developing genetic tools for marine protists	178,875
Board of Regents of the University of Wisconsin 2320 Chamberlin Hall Madison, WI 53706	N/A	GOV	In support of research and development of a simple and low-cost way of producing monochromatic mid-IR radiation that will allow for the creation of a new generation of sensors that can detect chemicals in local environments by measuring their absorption profile	225,000
Board of Regents of the University of Wisconsin 2420 Engineering Hall Madison, WI 53706	N/A	GOV	In support of the invention of an electric motor based on organic dielectrics	225,000
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Boston Medical Center Corporation 660 Harrison Avenue 2nd Floor Boston, MA 021182908	N/A	PC	To support the work of Patient and Family Engagement Early-Career Investigator, Andrea Spencer, in her project to develop an effective Attention Deficit Hyperactivity Disorder Family Engagement Intervention for the primary care setting	165,068
California Academy of Sciences 55 Music Concourse Drive Golden Ga San Francisco, CA 94118	N/A	PC	In support of the addition of new capabilities on the iNaturalist platform that create opportunities for students, teachers, and communities to participate in extended scientific research	300,000
California Academy of Sciences 55 Music Concourse Drive Golden Ga San Francisco, CA 94118	N/A	PC	In support of a new exhibit that highlights the natural phenomena that shape Northern California's coastline and give rise to the iconic organisms that make Northern California unique	495,851
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
California Council on Science and Technology 1130 K Street Suite 280 Sacramento, CA 95814	N/A	PC	To support the California Council on Science and Technology as it works to financially stabilize its science and technology policy fellowship program	160,000
California Council on Science and Technology 1130 K Street Suite 280 Sacramento, CA 95814	N/A	PC	In support of efforts to ensure the long-term financial stability and impact of the California Council on Science and Technology Fellows Policy Fellowship Program	1,850,000
California Institute of Technology 1200 East California Boulevard Pasadena, CA 91125	N/A	PC	In support of the development of new detector arrays for polarization-sensitive measurements of the cosmic microwave background radiation, to enable the Background Imaging of Cosmic Extragalactic Polarization project to search for evidence of cosmic inflation	880,000
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
California Institute of Technology 1200 East California Boulevard Pasadena, CA 91125	N/A	PC	In support of the invention of a safe delivery vector that can carry large genomes to target human cells	225,000
California Institute of Technology 1200 East California Boulevard Pasadena, CA 91125	N/A	PC	To provide support for the Thirty Meter Telescope through the TMT International Observatory	5,000,000
California Institute of Technology 271 S Chester Avenue Pasadena, CA 91125	N/A	PC	In support of public outreach activities to celebrate Richard Feynman's life, scientific legacy, and philosophy of curiosity	112,500
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
California Institute of Technology 1200 E California Boulevard MC158- Pasadena, CA 91125	N/A	PC	In support of determining whether computation can be used to rediscover Maxwell's equations through a virtual experiment, automated analysis and machine inference	70,010
Canadian Environmental Grantmakers' Network 2 St Clair Ave East Suite 300 Toronto, ON M4T 2T5 CA	N/A	PC	In support of an Oceans Collaborative	250,000
Cape Cod Commercial Fishermens Alliance Inc 1566 Main Street Chatham, MA 02633	N/A	PC	To support effective implementation and durability of sectors for groundfish, with an emphasis on accountability and monitoring, and to ensure sustainable fishing communities and industry leadership into the future, particularly on Cape Cod	196,013
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment

<div>Recipient</div>	<div>If recipient is an individual, show any relationship to any foundation manager or substantial contributor</div>	<div>Foundation status of recipient</div>	<div>Purpose of grant or contribution</div>	<div>Amount</div>
<div>Name and address (home or business)</div>				
<div>a <i>Paid during the year</i></div>				
<div>Carnegie Mellon University Lane Center for Computational Biolo Pittsburgh, PA 15213</div>	<div>N/A</div>	<div>PC</div>	<div>In support of demonstrating the high level of scientific impact that data scientists deliver through their focus on interdisciplinary data-driven research. Funds from this award will be used to develop algorithms and open-source implementations for analysis of large collections of genomics sequencing data to better understand genetic variation, gene expression, and gene function.</div>	<div>600,000</div>
<div>Center for Excellence in Health Care Journalism 10 Neff Hall Columbia, MO 65211</div>	<div>N/A</div>	<div>SO II</div>	<div>To strengthen the knowledge and skills of health care journalists.</div>	<div>509,400</div>
<div>Center for Health Care Strategies Inc 200 American Metro Boulevard Suite Hamilton, NJ 08619</div>	<div>N/A</div>	<div>PC</div>	<div>To identify strategies, including community pharmacy, to improve medication safety among low-income populations, particularly those with multiple chronic conditions.</div>	<div>752,647</div>
<div>Total ▶ 3a</div>				<div>300,499,916</div>

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Center for Health Care Strategies Inc 200 American Metro Boulevard Suite Hamilton, NJ 08619	N/A	PC	To support a multi-state learning collaborative to develop new models and strategies to support family caregivers	156,862
Centre for Ocean Life DTU Aqua Technical Univ Jaegersborg Alle 1 2920 Charlottenlund DA	N/A	PC	In support of developing computational models of marine plankton ecosystems for multiple trophic levels Model predictions will be tested using an autonomous field instrument in the California Current	594,406
Centro para el Desarrollo del Indigena Amazonico Pasaje Bonifacio Nro 166 Urbaniza Callao PE	N/A	PC	To strengthen management of the Matses National Reserve and the Yavari-Tapiche Indigenous Reserve in Peru's Loreto Region, and to support greater integration of both areas into appropriate regional and national governance structures	55,000
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Ceres Inc99 Chauncy Street 6th Floor Boston, MA 02111	N/A	PC	To implement the finance collaboration for the Conservation and Financial Markets Initiative	1,354,441
Chabot Space & Science Center Foundation 10000 Skyline Boulevard Oakland, CA 94619	N/A	SO I	In support of organizational planning that will position Chabot to effectively execute a new strategic direction for the next two to five years	875,000
China Dialogue Trust 306 Grayston Centre 28 Charles Squa London N HT UK	N/A	PC	To inform consumers, processors, producers and decision-makers in both China and Latin America on the growing demand for soy, beef, wild capture fisheries and aquaculture and on related environmental impacts, including exposure to climate risk and implications for the sustainability of food security	393,342
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Clark University950 Main Street Worcester, MA 01610	N/A	PC	To develop spatial and temporal maps of coastal habitat cover and land-use change by which to evaluate the impacts of shrimp farming	2,007,760
Climate Bonds Initiative 40 Bermondsey Street London UK	N/A	PC	To support the development and capitalization of the agricultural green bonds market	350,516
Climateworks Foundation 235 Montgomery Street Suite 1300 San Francisco, CA 94104	N/A	PC	In support of the Climate and Land Use Alliance's impact through its operations, strategic development, and monitoring and evaluations	250,000
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment

<div>Recipient</div> <div>Name and address (home or business)</div>	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
a <i>Paid during the year</i>				
Climateworks Foundation 235 Montgomery Street Suite 1300 San Francisco, CA 94104	N/A	PC	To support efforts to protect the environment by increasing transparency and citizen and community participation in major infrastructure policies, plans and projects in the Brazilian Amazon	1,000,000
Coalition to Transform Advanced Care 1299 Pennsylvania Avenue NW Suite 1 Washington, DC 20004	N/A	PC	In support of the Respecting Choices online training curriculum that will provide guidance to physicians and other health care providers in initiating advance care planning conversations	9,313
Coastal States Stewardship Foundation 444 North Capitol Street NW Suite Washington, DC 20001	N/A	PC	To support the Northeast Regional Planning Body and Northeast Regional Ocean Council's implementation of the Ocean Plan that addresses its goals of healthy oceans and coasts, effective decision making, and compatibility among past, present and future uses, to ensure key elements like the Data Portal, ecological and human use data, plan monitoring, and stakeholder engagement are continued, and to explore and support a strategy for ensuring capacity into the future	1,166,000
Total ▶ 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Coastal States Stewardship Foundation 444 North Capitol Street NW Suite Washington, DC 20001	N/A	PC	In support of advancing the West Coast Ocean Alliance	500,000
Coastal States Stewardship Foundation 444 North Capitol Street NW Suite Washington, DC 20001	N/A	PC	To support the West Coast Regional Planning Body in coordinating state, tribal and federal government dialog around ocean planning, advancing sub-regional planning processes, and completing critical planning elements at both regional and sub-regional scales, such as baseline data assessments and robust stakeholder engagement	81,000
Coastal States Stewardship Foundation 444 North Capitol Street NW Suite Washington, DC 20001	N/A	PC	To support the Mid-Atlantic Regional Council on the Ocean	888,066
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
Colorado State University Foundation 410 University Services Center Fort Collins, CO 80523	N/A	PC	In support of research aiming to tackle some of the key problems in understanding Earth-human interactions through highly interdisciplinary collaborative approaches. The three overarching themes are changing oceans, sustainability of natural assets, and the water-energy-food nexus.	482,000
Community Initiatives 1000 Broadway Suite 480 Oakland, CA 94607	N/A	PC	To support the Northern Sierra Partnership's freshwater conservation efforts in two high-priority watersheds through water-related conservation easements, groundwater recharge strategy development and ecologically based forest management.	300,000
Community Initiatives 1000 Broadway Suite 480 Oakland, CA 94607	N/A	PC	To support a community-driven effort to restore and conserve the health and biodiversity of the highly productive ocean waters surrounding St. George Island in the Bering Sea and to foster access to marine resources in them by the Unangan people and other sustainable activities.	167,714
Total ► 3a				300,499,916

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Conservation International Foundation 2011 Crystal Drive 600 Arlington, VA 22202	N/A	PC	To strengthen Ecuador's protected area system focusing on increasing the consolidation of the Yasuni-Pastaza mosaic	297,277
Conservation Strategy Fund 1160 G Street Arcata, CA 95521	N/A	PC	To analyze environmental, economic and social risks from proposed Amazon Basin Roads as an input to sustainable infrastructure investment decisions	50,000
Conservation X Labs Inc 1342 Florida Avenue NW Washington, DC 20009	N/A	PC	In support of a digital maker space and multidisciplinary community focused on developing low-cost tools to address major challenges in conservation and environmental science, while expanding opportunities for science education	38,750
Total ► 3a				300,499,916

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Conservation X Labs Inc 1342 Florida Avenue NW Washington, DC 20009	N/A	PC	To build the conservation field's capacity to harness technology solutions	1,000,000
Conservation X Labs Inc 1342 Florida Avenue NW Washington, DC 20009	N/A	PC	In support of a portable, battery-powered genetic screening tool that will identify short segments of a DNA sequence from a sample of plant or animal tissue	225,000
Conservation X Labs Inc 1342 Florida Avenue NW Washington, DC 20009	N/A	PC	To identify the top seven to ten questions for water innovation at the nexus of environmental conservation and science, and based on those questions, kick off a competitive Grand Challenge to identify a set of promising innovations that address one or more of the priority questions, to spur innovation ecosystems to address these concerns, and to help bring the best of these ideas to scale	435,219
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Coral Reef Alliance 1330 Broadway Suite 1602 Oakland, CA 94612	N/A	PC	To develop novel science at the interface of ecology and evolution and a new approach to coral reef conservation	476,400
Cornell UniversityPO Box 22 Ithaca, NY 14851	N/A	PC	In support of the development of novel techniques to investigate neutral quantum fluids and the visualization of the atomic-scale electronic structure of quantum materials	520,976
Dalhousie University 5850 College Street Room 9-B1 Halifax, NS B3H 4R2 CA	N/A	PC	In support of creating new methods for studying evolution and gene movement between diverse microbes and testing novel concepts for how this process occurs	112,516
Total ▶ 3a				300,499,916

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Derecho Ambiente y Recursos Naturales Calle Bermudez N 788 Iquitos, Maynas PE	N/A	PC	To develop indigenous consultation protocols and the collection of development data for priority infrastructure projects in the Peruvian Amazon	738,976
Duke University 2200 W Main Street Suite 710 Durham, NC 277054677	N/A	PC	To facilitate the sharing and integration of water data for sustainability through an interconnected network of water data hubs	314,531
Duke University 2200 W Main Street Suite 710 Durham, NC 277054677	N/A	PC	To support the development and dissemination of a white paper that will summarize the current state of regulation for diagnostic software using artificial intelligence and machine learning	96,118
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Duke University 2200 W Main Street Suite 820 Durham, NC 277054677	N/A	PC	To support the development and dissemination of a white paper and framework to identify, evaluate and mitigate against biases in Artificial Intelligence clinical software	99,978
EO Wilson Biodiversity Foundation 9 Circuit Drive 5th Floor Room 510 Durham, NC 27708	N/A	PC	In support of research, informatics and global mapping of three species groups for the Half-Earth project	750,000
Earth Innovation Institute 98 Battery Street Suite 250 San Francisco, CA 94111	N/A	PC	To develop jurisdictional sustainability frameworks in the Cerrado that foster inter-agency coordination in state governments and attract investments in support of deforestation-free commodities	300,000
Total ► 3a				300,499,916

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Ecotrust Canada Suite 200 1238 Homer Street Vancouver, BC V6B 2Y5 CA	N/A	PC	To support sustainable fisheries in British Columbia	189,041
Education Development Center Inc 43 Foundry Avenue Waltham, MA 02453	N/A	PC	To support the implementation and feasibility testing of an emergency room care model to screen for elder mistreatment, respond to concerns about mistreatment and prepare patients for follow-up with community resources	500,000
Emergency Care Research Institute 5200 Butler Pike Plymouth Meeting, PA 19462	N/A	PC	To develop and sustain a web- based repository of objective, evidence-based clinical practice guideline content to advance safe and effective patient care	1,400,000
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
Emergency Care Research Institute 5200 Butler Pike Plymouth Meeting, PA 19462	N/A	PC	To build a sustainable private sector infrastructure for effective health information technology patient safety practices	984,655
Emory University 1599 Clifton Road NE 4th Floor Atlanta, GA 30087	N/A	PC	To support the development and testing of a cloud-based voting system to improve the labeling of medical data	168,704
Environmental Defense Fund Incorporated 257 Park Avenue South New York, NY 10010	N/A	PC	To improve the consolidation status of seven indigenous lands and four protected areas, while building integrated governance mechanisms for the Xingu mosaic (about 28 million hectares)	650,000
Total ▶ 3a				300,499,916

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Environmental Defense Fund Incorporated 257 Park Avenue South New York, NY 10010	N/A	PC	To secure an environmentally and economically sustainable and durable West Coast groundfish trawl fishery through the Pacific groundfish Individual Fishing Quota program	250,000
Environmental Defense Fund Incorporated 257 Park Avenue South New York, NY 10010	N/A	PC	To advance durability in the New England groundfish catch share management program through improving accountability by the end of 2019, an achievement that will set the stage for strong and long-lasting conservation gains	100,000
Erasmus University Medical Center Wytemaweg 8 Rotterdam 3015 CN NL	N/A	PC	In support of the development and publication of a broadly-supported research agenda for improving diagnosis in the next five years, disseminating the top five research questions prioritized by a broad community of researchers	175,403
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Field Museum of Natural History 1400 S Lake Shore Drive Chicago, IL 606052496	N/A	PC	To support sound land use decision-making consistent with the consolidation of protected areas and indigenous lands in the Amazon regions of southern Colombia and northern Peru	100,000
Field Museum of Natural History 1400 S Lake Shore Drive Chicago, IL 606052496	N/A	PC	To develop a vision and recommendations for strategies to consistently include social and environmental standards into Chinese finance of infrastructure projects in the Amazon region	50,000
Friends of the Earth 1101 15th Street NW 11th Floor Washington, DC 20005	N/A	PC	In support of the development of domestic and international policies that protect U S Arctic ecosystems and communities from the catastrophic and chronic impacts of intensified vessel traffic	150,000
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
Fundacao Getulio Vargas Rua Rocha 233 - Bela Vista Sao Paulo 01330-000 BR	N/A	PC	To support the development and adoption of a territorial governance plan and governance mechanism along the BR-319 corridor in Amazonas State, Brazil and an associated national policy framework for Amazon-wide replication with the goal of reducing long-term negative social and environmental impacts associated with development	1,315,514
Fundacao Vitoria Amazonica Rua Estrela Dalva 146 Cj Morada Manaus, AM 69083-093 BR	N/A	NC	To strengthen mosaic-level governance of protected areas and to monitor and mitigate mosaic-level threats from the Manaus Metropolitan Region in the Lower Rio Negro Mosaic of the Brazilian Amazon	300,000
Fundacion Gaia AmazonasCra 4 26B-31 Bogota, DC CO	N/A	PC	To elevate the consolidation conditions of the Yaigoje Apaporis National Park and the Miriti Indigenous Territory in the Colombian Amazon by applying indigenous land management knowledge and completing the governance structure for the park in the Chiribiquete-Caqueta mosaic of Colombia	620,000
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
Fundacion para la Conservacion y el Desarrollo Sos Carrera 70 C no 50-47 Bogota CO	N/A	PC	To support sound land use decision-making consistent with the consolidation of protected areas and indigenous lands in the Amazon regions of southern Colombia and northern Peru	100,000
George Washington University 2121 I Street NW Suite 601 Washington, DC 20052	N/A	PC	To support an 18-month pilot program to implement palliative care best practices at 15 dialysis clinics that care for 2,000 patients with chronic kidney disease	1,250,000
Gettysburg College Campus Box 437 300 North Washington Gettysburg, PA 17325	N/A	PC	In support of development and application of advanced visualization tools to study the interactions between a salamander and the algae that live inside of its cells	341,684
Total ► 3a				300,499,916

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Global Conservation Presidio National Park PO Box 29278 San Francisco, CA 94129	N/A	PC	To demonstrate a model for the sustainable protection of national parks	800,000
Global Fishing Watch Inc 1025 Connecticut Avenue NW Suite 2 Washington, DC 20036	N/A	PC	To construct a web-accessible global carrier vessel database and monitoring portal that provides greater transparency of global transshipping activities within the jurisdictions of five global tuna Regional Fishery Management Organizations, and to secure enhanced conservation and management measure proposals in at least three of those organizations	300,000
Global Greengrants Fund Inc 2840 Wilderness Place Suite A Boulder, CO 80301	N/A	PC	To support local communities and indigenous organizations to increase their capacity to protect their environment by exercising their rights to consultation and territorial governance	146,800
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Gordon Research Conferences 512 Liberty Lane West Kingston, RI 02892	N/A	PC	To partially support Gordon Research Conferences on topics related to areas of interest to the Science Program. Gordon Research Conferences bring together leading scientists from around the world to discuss their latest work and future challenges. The uniquely interactive format fosters collaborations that can potentially break barriers in the fields.	400,000
Great Bear Initiative Society 409 Granville Street Suite 1660 Vancouver, BC V6C 1T2 CA	N/A	NC	To enable sustainable shipping	732,415
Greater Washington Educational Telecommunications 3939 Campbell Avenue Arlington, VA 22206	N/A	PC	In support of PBS NewsHour for a science-based program that uses traditional broadcast, web-based media content and social media to inform and educate the public of the creative and innovative contributions being made by scientists and engineers.	333,333
Total ► 3a				300,499,916

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Greenpeace Fund Inc 702 H Street NW Suite 300 Washington, DC 20001	N/A	PC	To support the development of the Accountability Framework Initiative	106,500
Gulf of Maine Research Institute 350 Commercial Street Portland, ME 04101	N/A	PC	To support the Marine Resources Education Program, building industry leadership capacity in West Coast fisheries, and to provide technical support and electronic monitoring capacity in New England groundfish fisheries	300,000
Gulf of Maine Research Institute 350 Commercial Street Portland, ME 04101	N/A	PC	In support of the creation, field testing and dissemination of platform-agnostic resources to support youth and community engagement in scientific exploration and investigation	329,000
Total ► 3a				300,499,916

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Hospice and Palliative Nurses Foundation One Penn Center West Suite 425 Pittsburgh, PA 15276	N/A	SO I	To support the development, stakeholder endorsement, dissemination and implementation of Community-Based Practice Guidelines for Quality Palliative Care	428,000
Howard Hughes Medical Institute 19700 Helix Drive Ashburn, VA 20147	N/A	PC	In support of an expanded five year project that will increase the number and diversity of biologists who have access to the unique state-of-the-art optical imaging microscopes that have been developed at Janelia Farm years before they are commercially available	1,108,000
iBiology Inc600 16th Street San Francisco, CA 94143	N/A	PC	In support of the production and dissemination of a multimedia documentary on the discovery of CRISPR and its place in the larger history of gene editing	315,000
Total ► 3a				300,499,916

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Icahn School of Medicine at Mount Sinai One Gustave L Levy Place Box 1070 New York, NY 100296574	N/A	PC	To support the expansion of the National Palliative Care Registry, thus enabling the field to monitor the prevalence of community-based serious illness programs and use that comparative data to inform policy and care practices	651,193
Icahn School of Medicine at Mount Sinai One Gustave L Levy Place Box 1070 New York, NY 100296574	N/A	PC	To support a national effort to prioritize, coordinate and monitor opportunities and activities that lead to a robust accountability system for community-based serious illness care	45,000
Icahn School of Medicine at Mount Sinai One Gustave L Levy Place Box 1070 New York, NY 100296574	N/A	PC	To support the creation of a business incubator to help community-based serious illness programs thrive under alternative payment models	60,000
Total ▶ 3a				300,499,916

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ICFO - The Institute of Photonic Sciences Mediterranean Technology Park Av Barcelona 8860 SP	N/A	PC	To support experimental demonstration of hybrid entanglement between many-particle quantum systems based on different physical platforms and subsequent teleportation of quantum information between these systems, key steps toward efficient and reliable distribution of quantum information over quantum networks	400,000
Iepe - Instituto de Pesquisa e Formacao Indigena Rua Professor Monjardino 19 - Vila Sao Paulo, SP CEP 05625-160 BR	N/A	PC	To improve the consolidation status of five indigenous lands (about 11 million hectares), which include Trombetas-Mapuera, Nhamunda-Mapuera and Katxyana-Tunayana, Tumucumaque Park and Rio Paru d'Este, while building integrated governance mechanisms for the Calha Norte mosaic	200,000
Institutes for Journalism and Natural Resources PO Box 1996 Missoula, MT 59806	N/A	PC	To support a journalism institute in British Columbia for selected journalists in the Great Bear Sea and Great Bear Rainforest to learn first-hand about the region's complex issues and solutions	20,000
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Instituto Centro de Vida Rua Americo Salgado 1890 Santa He Cuiaba, MT 78045-055 BR	N/A	PC	To support the protection of freshwater ecosystems in priority areas of the Andes-Amazon region in Brazil, Peru and Colombia	362,444
Instituto Centro de Vida Rua Americo Salgado 1890 Santa He Cuiaba, MT 78045-055 BR	N/A	PC	In support of implementing the Environmental Rural Cadaster in Brazil	400,000
Instituto Conexoes Sustentaveis Rua Angelo Custodio 728 - Estacao Belem, Para 66020-710 BR	N/A	NC	To support a technical collaboration between Instituto Conexoes Sustentaveis (ConexSus) and the federal agency for protected areas (ICMBio) to create tools and processes to implement a mechanism for deploying environmental compensation funds to benefit Amazonian federal protected areas	580,204
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Instituto de Conservacao e Desenvolvimento Sustent Rua Barao de Solimoes 12 - Parque FloresManaus, AM CEP 69058-250 BR	N/A	PC	To support monitoring of the licensing process and mitigation of potential environmental and social impacts of the BR-319 highway paving in surrounding protected areas and municipalities	200,000
Instituto de Desenvolvimento Sustentavel Mamiraua Estrada do Bexiga 2584 Bairro Fon Tefe, AM BR	N/A	PC	To support the development of Providence, a distributed, wireless sensor network for monitoring biodiversity under the Amazon canopy	24,800
Instituto de Desenvolvimento Sustentavel Mamiraua Estrada do Bexiga 2584 Bairro Fon Tefe, AM BR	N/A	PC	To support the development and optimization of technology and a biodiversity index to monitor protected areas and indigenous lands across the Amazon	309,376
Total ► 3a				300,499,916

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Instituto de Desenvolvimento Sustentavel Mamiraua Estrada do Bexiga 2584 Bairro Fon Tefe, AM BR	N/A	PC	To support the consolidation and dissemination of sustainable natural resource management practices in wetlands as a model for the ARPA Program and the Brazilian System of Protected Areas	300,000
Instituto de Pesquisa Ambiental da Amazonia Avenida Nazare 669 Belem, PA 66035-170 BR	N/A	PC	To develop and operationalize an integrated web-based portal for Brazilian Amazonian Protected Areas to be used for accessing threats and opportunities to guide appropriate actions by federal and state agencies	100,000
Instituto de Pesquisa Ambiental da Amazonia Avenida Nazare 669 Belem, PA 66035-170 BR	N/A	PC	To assess undesignated public forests and the societal value of remaining native vegetation in the Brazilian Amazon and Cerrado and offer technical recommendations to strategic actors for potential designation of protected areas and the protection of natural vegetation in private lands	327,000
Total ▶ 3a				300,499,916

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Instituto de Pesquisas Ecologicas Rodovia Dom Pedro I Km 47 Nazare Paulista, SP 47 - 12960-000 BR	N/A	PC	To support new approaches for information management, integrated territorial management, and local staffing for the system of Protected Areas in Brazil	108,530
Instituto de Pesquisas Ecologicas Rodovia Dom Pedro I Km 47 Nazare Paulista, SP 47 - 12960-000 BR	N/A	PC	To increase and accelerate the consolidation status of 84 protected areas and indigenous lands, accounting for 80 million hectares in the Brazilian Amazon, and establish their resilience against deforestation and other threats	2,100,000
Instituto del Bien Comun Avenida Salaverry 818 Jesus Maria Lima 18 PE	N/A	PC	To increase the consolidation status of the protected areas and indigenous lands in the Ampiyacu Mosaic in Peru, and to improve the conditions to address current and potential threats to the areas	300,000
Total ▶ 3a				300,499,916

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Instituto do Homem e Meio Ambiente da Amazonia Rua Domingos Marreiros 2020 - Bair Belem, PA 66060-160 BR	N/A	PC	To support a collaborative network that is pioneering innovative methods of cloud processing and automated classification in Google Earth Engine to produce 32 years of annual land use, land cover and change data for the Brazilian Amazon, and to train organizations to produce such data for other Amazonian countries	50,000
Instituto do Homem e Meio Ambiente da Amazonia Rua Domingos Marreiros 2020 - Bair Belem, PA 66060-160 BR	N/A	PC	In support of the developing and testing the next generation of land use and land cover change monitoring technologies using high resolution imagery and advanced machine learning methods	340,000
Instituto Internacional de Educacao do Brasil SHIS QI 05 Bloco F sala 101Centro Brasilia, DF 71606-900 BR	N/A	PC	To consolidate the conservation of the Madeira Mosaic (about seven million hectares) by formalizing and partially implementing a participatory and integrated action plan for its protected areas and by engaging protected area organizations and management bodies around infrastructure impacts	300,000
Total ► 3a				300,499,916

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Instituto Socioambiental Avenida Higienopolis 901 Sao Paulo, SP 01238-001 BR	N/A	PC	To inform decision-making through the preparation and dissemination of interdisciplinary georeferenced analyses on socio-environmental dynamics in the pan-Amazonian region, including land use, land cover and change data for the period of 1985-2018 and comprehensive analyses of pressures and threats	746,954
Instituto Socioambiental Avenida Higienopolis 901 Sao Paulo, SP 01238-001 BR	N/A	PC	To develop indigenous consultation protocols for the proposed grain railway in Brazil	1,046,348
Instituto Socioambiental Avenida Higienopolis 901 Sao Paulo, SP 01238-001 BR	N/A	PC	To improve tools and analyses to strengthen socio-environmental management and highlight the importance of protected areas and indigenous lands in the Brazilian Amazon	350,000
Total ► 3a				300,499,916

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Instituto Socioambiental Avenida Higienopolis 901 Sao Paulo, SP 01238-001 BR	N/A	PC	In support of the improvement and continued maintenance of an indigenous land monitoring system, and consolidation of key resource management plans for the Upper Rio Negro indigenous lands in Brazil, covering about 11 5 million hectares	380,000
International Community Foundation 2505 N Avenue National City, CA 91950	N/A	PC	In support of scientific research in Galapagos and mobilization to convene conservation leaders at the Charles Darwin Research Station	684,300
International Rivers Network 2054 University Avenue Suite 300 Berkeley, CA 94703	N/A	PC	To support the protection of freshwater ecosystems in priority areas of the Andes-Amazon region in Brazil, Peru and Colombia	371,900
Total ► 3a				300,499,916

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International Union for Conservation of Nature 28 rue Mauverney Gland, Vaud 1196 SZ	N/A	GOV	In support of the International Union for Conservation of Nature's Synthetic Biology and Biodiversity Conservation Task Force	406,808
Inuit Circumpolar Council-Alaska 3900 Arctic Boulevard Suite 203 Anchorage, AK 99503	N/A	PC	To strengthen Inuit Circumpolar Council's advocacy efforts for the protection and resilience of the Arctic, with a focus on marine and coastal systems	195,250
Iowa State University 12 Physics Hall Iowa State Univers Ames, IA 50011	N/A	GOV	In support of research targeting discovery of new materials exhibiting unconventional superconductivity and quantum critical behavior	310,000
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a <i>Paid during the year</i>				
Johns Hopkins University 600 N Wolfe Street Baltimore, MD 21287	N/A	PC	To identify primary care providers above the mean in their polypharmacy rate and engage them using the Improving Wisely physician engagement model to change their prescribing practices and improve patient care	387,041
Johns Hopkins University 3400 N Charles Street Baltimore, MD 21218	N/A	PC	In support of the SciServer project, a suite of tools for managing and analyzing large volumes of scientific data bringing production quality research software to a variety of natural science questions, including the fifth generation of the Sloan Digital Sky Survey	575,000
Johns Hopkins University 3701 San Martin Drive Baltimore, MD 21218	N/A	PC	In support of leading-edge research to develop time-resolved neutron scattering as a probe of quantum materials far from equilibrium	396,471
Total ▶ 3a				300,499,916

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Johns Hopkins University ACCM 600 N Wolfe Street Blalock 1 Baltimore, MD 21287	N/A	PC	To support development of health care performance measures to track the rates of stroke, heart attack, and sepsis misdiagnosis	1,252,347
Kaiser Foundation Hospitals 1800 Harrison Street 17th Floor Oakland, CA 94612	N/A	PC	To develop and disseminate methods to characterize and predict harmful events that occur outside the hospital due to commonly used drugs	478,459
Kawerak Inc500 504 Seppala Drive Nome, AK 99762	N/A	PC	To protect the Bering Strait Region's coastal and marine ecosystems and communities from the increasing impacts of climate change and industrial activities	300,000
Total ▶ 3a				300,499,916

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Las Cumbres Observatory Global Telescope Network 6740 Cortona Drive Suite 102 Goleta, CA 93117	N/A	POF	To support construction of two 1.0M telescopes at Tenerife in the Canary Islands to add to the existing Las Cumbres Observatory network to provide complete coverage of the northern sky	2,500,000
Leadingage Inc 2519 Connecticut Avenue NW Washington, DC 20008	N/A	PC	To support a white paper that will provide recommendations on establishing training standards and on ways to support a sustainable and skilled home care profession in California	76,000
Life Sciences Research Foundation 3520 San Martin Drive Baltimore, MD 21218	N/A	PC	In support of a prestigious three-year post-doctoral fellowship for a top early-career researcher in quantum biology at the interface of physics and biology - an area typically not funded by other sources	195,000
Total ▶ 3a				300,499,916

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Life Sciences Research Foundation 3520 San Martin Drive Baltimore, MD 21218	N/A	PC	In support of prestigious three-year post-doctoral fellowships for five top researchers in non-biomedical biological science disciplines typically underfunded by other sources	310,000
Lown Institute Inc21 Longwood Avenue Brookline, MA 02446	N/A	PC	To support the framing of an action plan to reduce polypharmacy in frail elderly patients	174,996
Luminary Labs LLC 30 West 22nd Street 6th Floor New York, NY 10010	N/A	NC	To identify and accelerate high quality, durable low-cost tools for education, science and environmental conservation	450,000
Total ► 3a				300,499,916

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Maine Coast Fishermen's Association PO Box 112 Topsham, ME 04086	N/A	PC	To support organizational capacity and leadership, as well as work to ensure effective and durable management for groundfish in New England and Maine fishing communities	150,000
Manta Consulting Inc 316 Mid Valley Center Suite 190 Carmel, CA 93923	N/A	NC	To support Fish 2 0's 2018-19 competitive market platform for entrepreneurs, innovators and investors looking to commercialize ideas, products and services that reduce the environmental footprint associated with poor aquaculture practices and unsustainable fishing	241,600
Marine Affairs Research and Education 20227 NE 163rd Street Woodinville, WA 98077	N/A	PC	To sustain and expand a community of practice for ocean conservation and management professionals	272,644
Total ▶ 3a				300,499,916

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Marine Biological Association The Laboratory Citadel Hill Plymouth PL1 2PB UK	N/A	PC	In support of developing genetic tools for marine protists	175,785
Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02139	N/A	PC	In support of developing novel fluorescence probes for use in diverse biological imaging applications	706,516
Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02139	N/A	PC	In support of postdoctoral fellows for the Physics of Living Systems group to study non-equilibrium dynamics of biological systems	517,000
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Massachusetts Institute of Technology 77 Massachusetts Ave Cambridge, MA 02139	N/A	PC	To develop and test recommendations for improving the practice of fact-checking in science, environment and health journalism	294,400
Massachusetts Institute of Technology 77 Massachusetts Avenue 37-241 Cambridge, MA 02139	N/A	PC	In support of the construction of the Hydrogen Epoch of Reionization Array radio observatory, to enable studies of the early universe by observations of highly redshifted 21-centimeter emission from hydrogen atoms	2,120,000
Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02139	N/A	PC	In support of the Moore Postdoctoral and Visiting Scholars in Theory of Quantum Materials program	165,000
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Massachusetts Institute of Technology 700 Technology Square Cambridge, MA 02139	N/A	PC	In support of alternative and augmented reality games for broad public engagement in science and a study of their efficacy	764,000
Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02139	N/A	PC	In support of leading-edge research to develop novel fabrication and characterization methods for probing heterostructures in which topology, geometry, and/or strong electronic correlation are expected to produce exotic quantum phenomena	264,220
Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02139	N/A	PC	To support the development of a quantum gas microscope for molecules, which will enable single-site manipulation and imaging of ultracold diatomic molecules trapped in an optical lattice formed by laser beams	330,000
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Max Planck Society for the Advancement of Science Jahnstrasse 29 Heidelberg D-69120 GM	N/A	PC	In support of exploring a three-way interaction among a marine microbe and two competing viruses to achieve new insights into complex patterns of cooperation and competition	221,381
Mayo Clinic200 First Street SW Rochester, MN 559050001	N/A	PC	To support the work of Patient and Family Engagement Early-Career Investigator, Juan P Brito Campana, in his project to estimate the impact of sharing cost information with decision aids used in clinical encounters in health care	168,750
Midpeninsula Regional Open Space District 330 Distel Circle Los Altos, CA 94022	N/A	GOV	For permanent protection of the Twin Creeks property in Santa Clara County, an important property for water resources, habitat protection, and future trail connections	750,000
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Monmouth University400 Cedar Avenue West Long Branch, NJ 077641898	N/A	PC	To support the mapping and assessment of marine resources in the Mid-Atlantic region and to foster public understanding of ocean planning	454,880
Montana State University 301 Montana Hall Bozeman, MT 597172470	N/A	GOV	In support of using advanced chemistry and microscopy techniques to map at high resolution the spatial organization of microbial metabolic activity in marine sediment habitats to understand how microbial communities respond to freshly delivered nutrients	225,795
Monterey Bay Aquarium Research Institute 7700 Sandholdt Road Moss Landing, CA 950399644	N/A	POF	In support of laboratory and field-based research to further the understanding of phytoplankton genomics, physiology and population dynamics, interactions with other marine microbes, and how phytoplankton uptake of CO2 will transition under natural and human-induced perturbations	309,030
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Monterey Bay Aquarium Research Institute 7700 Sandholdt Road Moss Landing, CA 950399644	N/A	POF	In support of purchasing a laboratory instrument for introducing foreign DNA into marine microbes	66,052
Monterey Bay Aquarium Research Institute 7700 Sandholdt Road Moss Landing, CA 950399644	N/A	POF	In support of developing an underwater optical imaging system capable of visualizing and measuring fluid motion, particles, and living organisms in three dimensions	474,397
MRAG Americas Inc 10051 5th Street N Suite 105 St Petersburg, FL 33702	N/A	NC	To support a performance evaluation of New England and Pacific groundfish catch shares	81,363
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Napa County Land Trust 1700 Soscol Avenue Suite 20 Napa, CA 94559	N/A	PC	For the acquisition, initial stewardship, and permanent protection of 1,910 acres of Wragg Ridge, a highly-threatened property of extensive, high-quality oak woodland in Napa County	1,568,750
National Academy of Sciences 500 5th Street NW Keck 1057 Washington, DC 20001	N/A	PC	In support of a two-day workshop exploring structures and processes to ensure high quality and independent health research funded by sectors including industry, philanthropy and government	250,000
National Academy of Sciences 500 5th Street NW Keck 1057 Washington, DC 20001	N/A	PC	In support of a science communication initiative that seeks to develop and disseminate compelling stories that convey accurate and credible science to the public	350,000
Total ▶ 3a				300,499,916

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National Academy of Sciences 500 5th Street NW Keck 1057 Washington, DC 20001	N/A	PC	To support a consensus study on systems approaches to improve patient care by supporting clinician well-being	200,000
National Academy of Sciences 500 5th Street NW Keck 1057 Washington, DC 20001	N/A	PC	In support of a pilot program to engage early-career leaders in science, engineering, and medicine (SEM) to provide new perspectives and recommendations on emerging national and global issues, help improve communication and idea exchange between the National Academies and the public, and offer insights into how to navigate a complex career landscape in SEM fields	258,494
National Academy of Sciences 500 5th Street NW Keck 1057 Washington, DC 20001	N/A	PC	In support of a new National Academies of Sciences, Engineering, and Medicine forum to enhance the nation's ability to alleviate environmental impacts on human health	300,000
Total ► 3a				300,499,916

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National Audubon Society Inc 225 Varick Street 7th Floor New York, NY 10014	N/A	PC	To promote science-based fisheries management	317,183
National Audubon Society Inc 431 West 7th Avenue Suite 101 Anchorage, AK 99501	N/A	PC	To identify and map the ecological hotspots of the U S Arctic Ocean and their threats	583,151
National Committee for Quality Assurance 1100 13th Street NW Third Floor Washington, DC 20005	N/A	PC	To support the development of an accountability/accreditation program for serious illness care, including testing quality measures in a learning collaborative comprised of four programs that care for seriously ill patients in the community	2,000,000
Total ► 3a				300,499,916

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National PACE Association 675 North Washington Street Suite Alexandria, VA 22314	N/A	PC	To support the growth of the Program of All-Inclusive Care for the Elderly PACE model in California	189,775
National Wildlife Federation 11100 Wildlife Center Drive Reston, VA 20190	N/A	PC	To implement the agriculture collaboration for the Forests and Agricultural Markets Initiative	2,936,534
Natural Resources Defense Council Inc 40 West 20th Street New York, NY 10011	N/A	PC	To enable better ocean infrastructure siting	150,000
Total ► 3a				300,499,916

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Nature Canada 75 Albert Street Suite 300 Ottawa, ON K1P 5E7 CA	N/A	PC	To secure Canada's marine conservation targets	150,000
Nature Conservancy 4245 North Fairfax Drive Suite 100 Arlington, VA 222031606	N/A	PC	To help ensure that the Danjiang Wetland National Nature Reserve is managed as a model for protecting watershed habitat as a form of source-water protection	1,000,000
Nature Conservancy 4245 North Fairfax Drive Suite 100 Arlington, VA 222031606	N/A	PC	To increase government engagement in smart planning and regulation of infrastructure practices to mitigate traditional infrastructure threats in the Peruvian and Brazilian Amazon	1,189,600
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Nature Conservancy 4245 North Fairfax Drive Suite 100 Arlington, VA 222031606	N/A	PC	To develop the mechanisms needed to scale water funds globally	1,050,000
Nature Conservancy 4245 North Fairfax Drive Suite 100 Arlington, VA 222031606	N/A	PC	To implement the agriculture collaboration for the Forests and Agricultural Markets Initiative	6,294,778
Nature Conservancy 4245 North Fairfax Drive Suite 100 Arlington, VA 222031606	N/A	PC	To support the creation of a water trust in the Sacramento Valley that allows water to be managed for ecosystem benefits while delivering a return to investors	1,200,000
Total ▶ 3a				300,499,916

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Nature Conservancy 4245 North Fairfax Drive Suite 100 Arlington, VA 222031606	N/A	PC	To create, deploy and scale a robust environmental framework and associated monitoring approach for integration into finance programs to ensure their environmental integrity and conservation impact	500,000
Nature Conservancy 4245 North Fairfax Drive Suite 100 Arlington, VA 222031606	N/A	PC	To support sustainable fisheries and habitat protection in British Columbia	150,000
Nature Conservancy 4245 North Fairfax Drive Suite 100 Arlington, VA 222031606	N/A	PC	To help increase the value of the Northeast Ocean Data Portal to a broad swath of users by focusing on three aspects: training key users, creating value in the Portal for additional user groups, and improving content and technical functionality	217,710
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Nature Conservancy 4245 North Fairfax Drive Suite 100 Arlington, VA 222031606	N/A	PC	In support of ensuring the success and durability of catch shares in the West Coast groundfish fishery and exporting lessons and expertise to catalyze fishery reforms elsewhere, and analyzing priorities for West Coast conservation and making initial steps towards impact, particularly in California state fisheries	250,000
Nature Conservancy 4245 North Fairfax Drive Suite 100 Arlington, VA 222031606	N/A	PC	To synthesize experiences and models for territorial planning in the Amazon and similar contexts, and make recommendations for approaches that can harmonize infrastructure development with conservation of Amazon ecosystems	25,500
Nature Conservancy 4245 North Fairfax Drive Suite 100 Arlington, VA 222031606	N/A	PC	To enhance the effectiveness and durability of groundfish sector management in New England through community support, policy engagement, and permit banks, and advancing improved monitoring and financing for transition costs	269,681
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Nature Conservancy 4245 North Fairfax Drive Suite 100 Arlington, VA 222031606	N/A	PC	To reduce deforestation in the Chiribiquete-Caqueta and Yasuni-Pastaza mosaics by strengthening local governments and indigenous organizations to implement land use and sustainable development plans	400,000
New Venture Fund 1201 Connecticut Avenue NW Suite 3 Washington, DC 20036	N/A	PC	To implement the seafood collaboration for the Oceans and Seafood Markets Initiative	9,730,741
New Venture Fund 1201 Connecticut Avenue NW Suite 3 Washington, DC 20036	N/A	PC	To support a finance hub that will serve to strengthen implementation of the Conservation and Financial Markets Initiative	6,470,248
Total ▶ 3a				300,499,916

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New Venture Fund 1201 Connecticut Avenue NW Suite 3 Washington, DC 20036	N/A	PC	In support of the Science Philanthropy Alliance's 2018 activities to strengthen philanthropic support for basic research	450,000
New Venture Fund 1201 Connecticut Avenue NW Suite 3 Washington, DC 20036	N/A	PC	To consolidate approximately 20 million hectares of protected areas and indigenous lands in high biodiversity mosaics in the Andes Amazon region	1,500,000
New York University 665 Broadway Suite 801 New York, NY 10012	N/A	PC	To support data scientists in pursuit of scientific research across the life, physical and social sciences as well as experimentation to identify the best methodologies to improve data science practice within academia	2,000,000
Total ► 3a				300,499,916

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North Carolina State University 890 Oval Drive Campus Box 8206 Raleigh, NC 27695	N/A	GOV	In support of demonstrating the high level of scientific impact that data scientists deliver through their focus on interdisciplinary data-driven research. Funds from this award will improve the understanding of intermediate-scale structure in scientific network data and enable the development of scalable, structure-based graph algorithms.	600,000
Northern California Grantmakers 160 Spear Street Suite 360 San Francisco, CA 94105	N/A	PC	In support of initiatives to bolster the Northern California and statewide funder communities.	150,000
Northwestern University 633 Clark Street Evanston, IL 60208	N/A	PC	To link community pharmacy and primary care practices via a shared electronic health record to improve medication management for older patients taking complex prescription regimens.	1,642,270
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Northwestern University 2145 Sheridan Road Evanston, IL 60208	N/A	PC	In support of the Large Synoptic Survey Telescope Corporation Data Science Fellowship Program, whose mission is to supplement graduate education in astronomy with in-depth training in the skills for doing science with big data. Funding will be used to train two new cohorts of students, certify students in teaching methods, and assess the effectiveness of the program.	200,000
NumFOCUS Inc PO Box 90596 Austin, TX 78709	N/A	PC	In support of activities led by NumFOCUS personnel to promote increasing the diversity of individuals involved in data science.	58,000
Ocean Conservancy Inc 1300 19th Street NW 8th Floor Washington, DC 20036	N/A	PC	In support of advancing regional ocean planning.	200,000
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Ocean Conservancy Inc 1300 19th Street NW 8th Floor Washington, DC 20036	N/A	PC	To ensure sustainable fisheries in Canada	100,000
Ocean Conservancy Inc 1300 19th Street NW 8th Floor Washington, DC 20036	N/A	PC	To advance the protection of marine ecosystems and coastal communities in the Canadian Arctic	2,000,000
Ocean Conservancy Inc 1300 19th Street NW 8th Floor Washington, DC 20036	N/A	PC	To protect the ecological gems of the U S Bering and Chukchi Seas and secure an ecosystem- based management regime from the Aleutian Islands to the Central Arctic Ocean that prevents unsustainable impacts of increased shipping and fishing	1,994,000
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Ocean Conservancy Inc 1300 19th Street NW 8th Floor Washington, DC 20036	N/A	PC	In support of the advancement of regional ocean planning	495,000
Ocean Foundation 1320 19th Street NW Suite 500 Washington, DC 20036	N/A	PC	To support education and outreach for science-based fisheries management	200,000
Oceana Canada 18 King Street East Suite 505 Toronto, ON M5C 1C4 CA	N/A	PC	To enable sustainable fisheries in Canada	250,000
Total ▶ 3a				300,499,916

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Oceana Inc 1025 Connecticut Avenue NW Suite 2 Washington, DC 20036	N/A	PC	To support education and outreach towards science-based fisheries management and healthy ocean ecosystems	100,000
OpenROV614 Bancroft Way Suite C Berkeley, CA 94710	N/A	NC	For the distribution of underwater remotely operated vehicles to researchers, educators, and students with compelling scientific project proposals and for the development of community around the use of low-cost tools for engagement in science	493,832
Operacao Amazonia Nativa Avenida Ipiranga 97-Goiabeiras Cuiaba, MT 78032-035 BR	N/A	PC	To support the protection of freshwater ecosystems in priority areas of the Andes-Amazon region in Brazil, Peru and Colombia	287,466
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Pacific Environment and Resources Center 473 Pine Street 3rd Floor San Francisco, CA 94104	N/A	PC	To strengthen domestic and international safeguards to protect ecosystems and communities from harms of increased vessel traffic in the Arctic Ocean	404,929
Pacific Salmon Foundation 300 - 1682 West 7th Avenue Vancouver, BC V6J 4S6 CA	N/A	PC	To support effective wild salmon management in the Skeena and other coastal watersheds through enduring access to timely data on distinct salmon populations and their habitats	244,309
Parques Nacionales Naturales de Colombia Cra 10 No 20 - 30 Bogota, DC PBX(57 1) CO	N/A	GOV	To improve management conditions for Colombia's National Park System by implementing a sustainable finance mechanism and a monitoring system to measure their effectiveness	300,000
Total ► 3a				300,499,916

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Partners Healthcare System Inc 55 Fruit Street Boston, MA 02214	N/A	PC	To support research on how interprofessional teams care for older adults	150,175
Partners Healthcare System Inc 399 Revolution Drive Suite 740 Somerville, MA 02145	N/A	PC	To advance key principles and practices related to more careful and conservative medication prescribing	1,011,088
Partners Healthcare System Inc 399 Revolution Drive Suite 740 Somerville, MA 02145	N/A	PC	To support the design and deployment of an automated adverse drug event surveillance system, collect and analyze data on adverse drug events, and improve the classification schemes for adverse drug events	1,499,662
Total ▶ 3a				300,499,916

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Partnership for Public Service Inc 1100 New York Avenue NW Suite 200 Washington, DC 20005	N/A	PC	To support the Partnership for Public Service's innovation efforts	300,000
Peninsula Open Space Trust 222 High Street Palo Alto, CA 94301	N/A	PC	To support permanent protection of 1,222 acres in the Santa Cruz Mountains, which will connect and expand large blocks of habitat and open space	183,000
Peninsula Open Space Trust 222 High Street Palo Alto, CA 94301	N/A	PC	To increase scientific knowledge of carnivore movement and habitat requirements to inform conservation strategies for protecting critical wildlife linkages in Santa Clara County's Coyote Valley	116,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Peninsula Open Space Trust 222 High Street Palo Alto, CA 94301	N/A	PC	To support permanent protection of Tunitas Creek Beach and the Halsted property at Wavecrest along the threatened San Mateo Coast	250,000
Perimeter Institute for Theoretical Physics 31 Caroline Street North Waterloo, ON N2L 2Y5 CA	N/A	PC	In support of workshops and scientific exchange visits that promote new experiments for fundamental physics	70,000
Pew Charitable Trusts901 E Street NW Washington, DC 20004	N/A	PC	To protect ecosystem values of Western Canada's boreal salmon watersheds	4,500,000
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a <i>Paid during the year</i>				
Planet Labs346 9th Street San Francisco, CA 94103	N/A	NC	In support of developing and testing the next generation of land use and land cover change monitoring technologies using very high-resolution imagery and advanced machine learning methods	250,000
Point Reyes Bird Observatory 3820 Cypress Drive 11 Petaluma, CA 94954	N/A	PC	In support of recommendations for conservation priorities for ecosystem function and resilience on the U S West Coast, and science-based recommendations for ship strike mitigation measures	150,000
Pontificia Universidad Catolica del Peru Av Universitaria 1801 San Miguel Lima PE	N/A	PC	To develop an understanding of legal and policy frameworks of primary and secondary road projects in the Peruvian Amazon	217,120
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment

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Name and address (home or business)				
a <i>Paid during the year</i>				
President and Fellows of Harvard College 17 Oxford Street Cambridge, MA 02138	N/A	PC	In support of the Moore Postdoctoral Scholars in Theory of Quantum Materials program at Harvard University	161,000
President and Fellows of Harvard College 29 Oxford Street Cambridge, MA 02138	N/A	PC	In support of research and development for a fundamentally new strategy for single molecule sensing and environmental toxin metrology using picoscale quantum sensors	225,000
President and Fellows of Harvard College 17 Oxford Street Cambridge, MA 02138	N/A	PC	In support of the laboratory of Dr. Julia Mundy, which will target exploratory synthesis and characterization of metastable complex oxides where the local chemical environment can be tuned at the atomic scale	700,000
Total ► 3a				300,499,916

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President and Fellows of Harvard College 79 John F Kennedy Street Cambridge, MA 02138	N/A	PC	To advance marine conservation and institutionalize resilience in the Arctic Council	1,200,000
President and Fellows of Harvard College 17 Oxford Street Cambridge, MA 02138	N/A	PC	In support of synthesis, imaging, and manipulation of novel types of artificial quantum materials, aimed at creating novel superconducting phases and functionalities	128,903
President and Fellows of Harvard College 17 Oxford Street Cambridge, MA 02138	N/A	PC	To support the development of new experimental approaches for exploring the effects of spin frustration in quantum materials	662,247
Total ▶ 3a				300,499,916

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President and Fellows of Harvard College 12 Oxford Street Cambridge, MA 02138	N/A	PC	To design a benchtop proof-of-concept dual nanoscale nuclear magnetic resonance spectrometer and magnetic resonance imaging machine on a chip to enable diverse applications from single-cell biology to tissue microstructure imaging	320,000
President and Fellows of Harvard College 17 Oxford Street Cambridge, MA 02138	N/A	PC	To develop color vacancy centers in diamonds for a new generation of quantum sensors with increased sensitivity and sophistication to probe the physical properties of complex systems	1,600,000
President and Fellows of Harvard College 17 Oxford Street Cambridge, MA 02138	N/A	PC	To deploy a tunable laser and precision photodiode to measure the response of telescopes in Hawaii, California, and Chile to provide a calibration to better than one percent precision to improve measurements of cosmic acceleration and inferences on the properties of dark energy	402,440
Total			3a	300,499,916

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PRI Association25 Camperdown Street London UK	N/A	PC	To mobilize a global cohort of investors to integrate risks associated with agricultural commodities and resulting deforestation and land use change into their practices, decision-making, and portfolios	400,000
PROFONANPE - Fondo de Promocion de las areas Natur Av Javier Prado Oeste 2378 Lima 27 PE	N/A	PC	To establish Peru's Natural Legacy fund as a long-term sustainable finance model for Peru's protected areas system	400,000
Project Hope the People to People Health Fdn 7500 Old Georgetown Road Suite 600 Bethesda, MD 208146133	N/A	PC	To support the publication and dissemination of a thematic issue featuring peer-reviewed papers on the topic of emerging patient safety priorities	400,000
Total ► 3a				300,499,916

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Public Laboratory for Open Technology and Science PO Box 426113 Cambridge, MA 02142	N/A	PC	To promote engagement between the open science and maker communities for community science through development and use of tools, kits, and instrumentation	268,868
Rainforest Alliance Inc 233 Broadway 28th Floor New York, NY 10279	N/A	PC	In support of the Accountability Framework Initiative	400,000
Rare Inc 1310 N Courthouse Road Suite 110 Arlington, VA 22201	N/A	PC	In support of behavioral science and environmental conservation	1,200,000
Total ▶ 3a				300,499,916

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Regents of the University of California 4415 Chem Annex One Shields Avenue Davis, CA 956165270	N/A	GOV	In support of workshops and a scientist exchange program to advance our understanding of quantum materials	207,000
Regents of the University of California c/o Department of Medicine M994505 San Francisco, CA 94143	N/A	GOV	To support refinements to materials, dissemination and sustainability planning of the PREPARE website	550,000
Regents of the University of California 366 Leconte Hall MC 7300 Berkeley, CA 94720	N/A	GOV	In support of workshops, faculty convenings, and scientist exchanges on the UC Berkeley campus that strengthen the quantum materials community	77,133
Total ► 3a				300,499,916

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Regents of the University of California Kohn Hall University of California Santa Barbara, CA 93106	N/A	GOV	In support of postdoctoral fellows at the Kavli Institute for Theoretical Physics	1,565,833
Regents of the University of California 1111 Franklin Street 6th Floor Oakland, CA 94607	N/A	GOV	To support use of wireless sensor networks and advanced imaging technologies to monitor water resources, vegetation, and wildlife in the University of California Natural Reserve System	545,490
Regents of the University of California 3333 California Street Suite 315 San Francisco, CA 94118	N/A	GOV	To support the development of a series of scholarly papers which will provide an overview of and framework for quality, safety, and value-improvement activities in the era of electronic health records	99,101
Total ► 3a				300,499,916

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Regents of the University of California 1 Shields Avenue Davis, CA 95616	N/A	GOV	In support of the design, fabrication and testing of a novel label-free imaging technology for investigating molecular interactions and protein dynamics	106,757
Regents of the University of California Kohn Hall University of California Santa Barbara, CA 93106	N/A	GOV	In support of the Moore Postdoctoral Scholars in Theory of Quantum Materials program at University of California, Santa Barbara	296,000
Regents of the University of California 1850 Research Park Drive Suite 300 Davis, CA 956186153	N/A	GOV	In support of a comprehensive scientific study to understand and quantify benefits and potential environmental risks of agricultural groundwater banking, which is one of the most promising solutions to managed groundwater recharge in California's Central Valley	580,000
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Regents of the University of California School of Veterinary Medicine One Davis, CA 95616	N/A	GOV	In support of demonstrating the high level of scientific impact that data scientists deliver through their focus on interdisciplinary data-driven research, funds from this award will be used to better understand gene function in non-model organisms through the development of new workflows and better data sharing technology for large-scale data analysis	300,000
Regents of the University of California 1111 Franklin Street 9th Floor Oakland, CA 946075200	N/A	GOV	To provide support for the Thirty Meter Telescope through the TMT International Observatory	5,000,000
Regents of the University of California 2150 Shattuck Avenue Suite 300 Berkeley, CA 94704	N/A	GOV	In support of demonstrating the high level of scientific impact that data scientists deliver through their focus on interdisciplinary data-driven research. Funds from this award will develop new methods for optical and X-ray microscopy, using simple optical setups and efficient, scalable algorithms to achieve imaging volumes and resolutions not possible by traditional systems	600,000
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Regents of the University of California 1850 Research Park Drive Davis, CA 95618	N/A	GOV	To support the Betty Irene Moore School of Nursing at the University of California, Davis in establishing the Heather M Young Fellowship	1,753,560
Regents of the University of California B-20 Hearst Field Annex 3411 Berkeley, CA 94720	N/A	GOV	In support of demonstrating the high level of scientific impact that data scientists deliver through their focus on interdisciplinary data-driven research. Funds from this award will foster the development and establishment of methodologies and computational practices for data-driven discovery and inference in time-domain astrophysics and other related fields.	300,000
Regents of the University of California 111 Koshland Hall Berkeley, CA 947203102	N/A	GOV	In support of a collaboration among the University of California, Berkeley, Imperial College London, Purdue University and the University of California, San Diego to continue development of a prototype microscope that uses metamaterials that interact directly with the electromagnetic nature of light to enable imaging with resolution and speed that surpasses current light microscopes.	2,000,000
Total ► 3a				300,499,916

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Regents of the University of California 3333 California Street Suite 315 San Francisco, CA 941430962	N/A	GOV	To support the use of electronic health record audit log data to capture contextual contributors to diagnostic performance	379,000
Regents of the University of California 1156 High Street Santa Cruz, CA 95064	N/A	GOV	In support of a postdoctoral fellow to work with Professor Ryan Foley on time-domain astronomy and cosmology	200,000
Regents of the University of California 190 Doe Library Berkeley, CA 94720	N/A	GOV	In support of the NumPy extension module, a key utility for the Python scientific programming language NumPy provides support for numerical programming in Python, which is critical for data-driven research	322,510
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Regents of the University of California 507 McCone Hall Berkeley, CA 94720	N/A	GOV	In support of demonstrating the high level of scientific impact that data scientists deliver through their focus on interdisciplinary data-driven research. Funds from this award will produce new techniques for resolving the dominant processes controlling the evolution of landscapes and predicting imminent transitions in their form and function.	600,000
Regents of the University of California 1850 Research Park Drive Davis, CA 95618	N/A	GOV	To support the Betty Irene Moore School of Nursing to launch the Family Caregiving Institute to support health and wellbeing for persons with chronic and serious illness, and their family and caregivers.	1,500,000
Regents of the University of California 1102 Natural Sciences 2 Irvine, CA 926972025	N/A	GOV	In support of research and development of Integrated Solar Photo-Dialysis that directly harnesses solar energy to drive desalination of salt water with a dramatic reduction in the minimum energy requirement.	225,000
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Regents of the University of California 9500 Gilman Drive La Jolla, CA 920930354	N/A	GOV	In support of leading-edge research that uses light to modify and ultimately control the properties of strongly correlated electron materials	360,000
Regents of the University of California 425 Westwood Plaza Los Angeles, CA 900951594	N/A	GOV	In support of research and development of an innovative Scanning Terahertz Nanoscopy system to be used as a powerful tool for label-free biological studies that will enhance conduct of research in biophysics	225,000
Regents of the University of California 111 Koshland Hall Berkeley, CA 947203102	N/A	GOV	To support data scientists in pursuit of scientific research across the life, physical and social sciences as well as experimentation to identify the best methodologies to improve data science practice within academia	2,000,000
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Regents of the University of California 9500 Gilman Drive 0608 Center for La Jolla, CA 920930608	N/A	GOV	In support of science communication training for junior faculty to facilitate public engagement on a wide range of scientific topics	479,250
Regents of the University of California 1850 Research Park Drive Davis, CA 95618	N/A	GOV	To complete the launch of the Betty Irene Moore School of Nursing	10,500,000
Regents of the University of California 1 Centennial Drive Berkeley, CA 947205200	N/A	GOV	In support of the development and dissemination of an educational kit and associated materials that address engagement with gene technologies and their possible uses	351,966
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Regents of the University of California 366 Leconte Hall MC 7300 Berkeley, CA 94720	N/A	GOV	In support of the Moore Postdoctoral Scholars in Theory of Quantum Materials program at University of California, Berkeley	120,000
Regents of the University of California 1 Centennial Drive Berkeley, CA 947205200	N/A	GOV	In support of purchase, installation, training and support for a new customer relationship management system	440,953
Regents of the University of California 366 Leconte Hall MC 7300 Berkeley, CA 94720	N/A	GOV	In support of leading-edge research to develop new experimental approaches to studying quantum materials with terahertz spectroscopy	315,441
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Regents of the University of California 366 Leconte Hall MC 7300 Berkeley, CA 94720	N/A	GOV	In support of astronomical observations that test theories of the early Universe	853,593
Regents of the University of California 9500 Gilman Drive MC 0210 La Jolla, CA 920930210	N/A	GOV	In support of advancing publicly available analytical chemistry tools designed to help scientists identify molecules that mediate biological interactions, including symbiosis	701,822
Regents of the University of California 3333 California Street Suite 315 San Francisco, CA 94118	N/A	GOV	To support the development and documentation of a patient journey map for medication use in the community setting	74,922
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Regents of the University of California 366 Leconte Hall MC 7300 Berkeley, CA 94720	N/A	GOV	In support of leading-edge research to create and control novel, emergent states of matter in complex oxide superlattices	333,334
Regents of the University of Colorado 1111 Engineering Drive Boulder, CO 80309	N/A	GOV	In support of the invention of an optical metamaterial as a new greenhouse envelope material	225,000
Regents of the University of Colorado 390 UCB University of Colorado Boulder, CO 803090390	N/A	GOV	In support of leading-edge research to develop novel soft x-ray sources and methods to study quantum materials with high spatial and temporal resolution and with chemical specificity	360,000
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Regents of the University of Colorado 390 UCB University of Colorado Boulder, CO 803090390	N/A	GOV	In support of novel technology- enabled learning environments that have the potential to transform how science inquiry is fostered, supported, assessed, and understood	1,000,000
Regents of the University of Connecticut 438 Whitney Road Extension Unit 11 Storrs, CT 062691133	N/A	GOV	In support of developing genetic tools for marine protists	367,093
Research Foundation for Mental Hygiene Inc 150 Broadway Suite 301 Menands, NY 12204	N/A	PC	To support the development and publication of 10 case studies of model programs that have successfully integrated behavioral health and serious illness care delivered in community-based settings	366,775
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Research Foundation of State University of NY W5510 Melville Library Stony Brook, NY 11794	N/A	PC	In support of developing genetic tools for marine protists	335,343
Research Foundation of State University of NY W5510 Melville Library Stony Brook, NY 11794	N/A	PC	In support of using a new combination of high-resolution chemical signature analysis and advanced microscopy technologies to track carbon flow at very fine scales among marine microbes, viruses, and particles	74,462
Resources Legacy Fund 555 Capitol Mall Suite 1095 Sacramento, CA 95814	N/A	PC	To support the continuation of a small grants program for strategic pre-acquisition, planning, financing, policy, and collaborative support in Bay Area conservation	375,000
Total ► 3a				300,499,916

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Resources Legacy Fund 555 Capitol Mall Suite 1095 Sacramento, CA 95814	N/A	PC	To support defense of habitat protections on the United States West Coast	107,000
Resources Legacy Fund 555 Capitol Mall Suite 1095 Sacramento, CA 95814	N/A	PC	To support leadership in ocean stewardship	100,000
Resources Legacy Fund 555 Capitol Mall Suite 1095 Sacramento, CA 95814	N/A	PC	To support a sustainable shipping analysis	112,000
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Rochester Institute of Technology 52 Lomb Memorial Drive Rochester, NY 14623	N/A	PC	In support of the development of a scalable program to improve conceptual accuracy of class material for interpreters of American Sign Language in a college classroom setting	294,219
Rockefeller Philanthropy Advisors Inc 6 West 48th Street 10th Floor New York, NY 10036	N/A	PC	In support of the Fund for Shared Insight, a collaborative effort to increase the impact of philanthropy	250,000
Royal Institution for the Advancement of Learning 3550 University Street Montreal, QC H3A 2A7 CA	N/A	PC	To support the conceptual design of Canadian Hydrogen Intensity Mapping Experiment/Fast Radio Burst Outrigger telescopes to localize Fast Radio Bursts and identify their origins	224,500
Total ▶ 3a				300,499,916

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Rutgers the State University of New Jersey 136 Frelinghuysen Road Piscataway, NJ 08854	N/A	GOV	In support of novel approaches to the synthesis of artificial quantum materials and investigations of novel phenomena away from equilibrium in these materials	659,674
Rutgers the State University of New Jersey 136 Frelinghuysen Road Piscataway, NJ 08854	N/A	GOV	In support of a substrate-on-demand program, which will accelerate discovery by providing researchers in the quantum materials community with custom-designed substrates for thin-film growth of novel quantum materials	332,482
Rutgers the State University of New Jersey 136 Frelinghuysen Road Piscataway, NJ 08854	N/A	GOV	In support of research targeting discovery of new materials exhibiting mesoscopic topological charge, spin, and/or lattice structure	350,000
Total ► 3a				300,499,916

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Rutgers the State University of New Jersey 136 Frelinghuysen Road Piscataway, NJ 08854	N/A	GOV	In support of research targeting discovery of new materials exhibiting emergent phenomena such as unconventional superconductivity and anomalous quantum hall effect	200,000
San Diego State University Foundation 5250 Campanile Drive San Diego, CA 921821931	N/A	SO III FI	To support developing a novel high-resolution analytical instrument to measure the heat that small numbers of marine microbes generate to quantify how much energy is released by microbial communities	183,267
San Francisco Estuary Institute 4911 Central Avenue Richmond, CA 94804	N/A	PC	In support of characterizing microplastic pollution in surface water, sediment, and prey fish in San Francisco Bay and in surface water in adjacent ocean sanctuaries, including improved understanding of pathways through which microplastic enters the Bay and moves to ocean areas, and communication of results and policy and innovation options	88,025
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Save Mount Diablo 1901 Olympic Boulevard Suite 220 Walnut Creek, CA 94596	N/A	PC	To support permanent protection through fee acquisition of North Peak Ranch, an 87-acre parcel at risk of development in a highly visible and habitat-sensitive wildlife corridor on the slope of Mount Diablo	350,000
ScienceCounts Inc 529 14th Street NW Suite 1050 Washington, DC 20045	N/A	PC	In support of Raising Voices for Science, a comprehensive initiative to bolster public involvement in promoting federal support for scientific research	200,000
Sempervirens Fund 419 South San Antonio Road Suite 2 Los Altos, CA 940223640	N/A	PC	To support the acquisition of three redwood forest properties totaling 500 acres in the Santa Cruz Mountains, which will expand three distinct areas of protected coast redwood forest, enhance landscape connectivity, preserve important watersheds, and protect habitat for rare and endangered species	1,934,750
Total ▶ 3a				300,499,916

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SLAC National Accelerator Laboratory 2575 Sand Hill Road Menlo Park, CA 94025	N/A	GOV	In support of a week-long science, technology, engineering and math summer camp for girls at Department of Energy National Laboratories	407,800
Smithsonian Institution 1100 Jefferson Drive Suite 3123 M Washington, DC 200137012	N/A	PC	In support of exploring how a land barrier, the Isthmus of Panama, catalyzed novel differentiation of symbiotic associations between marine animals and microbes over the past three million years	222,844
Smithsonian Institution 60 Garden Street Cambridge, MA 02138	N/A	PC	In support of critical new elements of the Event Horizon Telescope--a global network of radio dishes that forms an Earth-sized virtual telescope aimed at taking the first images of the event horizon of a supermassive black hole	452,000
Total ▶ 3a				300,499,916

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Sociedad Peruana de Derecho Ambiental Prolongacion Arenales No 437 Lima 27 PE	N/A	PC	To support the implementation of sustainable finance mechanisms and long-term durability conditions for national and subnational protected areas systems in Peru	400,000
Sociedad Peruana de Derecho Ambiental Prolongacion Arenales No 437 Lima 27 PE	N/A	PC	In support of more sustainable, transparent and equitable infrastructure investments in the state of Loreto in the Peruvian Amazon	840,563
Sociedad Peruana de Derecho Ambiental Prolongacion Arenales No 437 Lima 27 PE	N/A	PC	To increase consolidation conditions for the Upper Purus Mosaic containing highly diverse protected areas and indigenous lands, and covering more than 6 3 million hectares of intact Amazon forest	100,000
Total ► 3a				300,499,916

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Society for Medical Decision Making Inc 390 Amwell Road Suite 402 Hillsborough, NJ 08844	N/A	PC	To support a fellowship program administered by the Society for Medical Decision Making	177,277
Society to Improve Diagnosis in Medicine Inc 1501 Hinman Avenue Evanston, IL 60201	N/A	PC	In support of a national awareness and engagement campaign for diagnostic safety and quality primarily targeting healthcare systems and clinicians	25,000
Society to Improve Diagnosis in Medicine Inc 1501 Hinman Avenue Evanston, IL 60201	N/A	PC	To support the early career development of nine scholars conducting mentored research in diagnostic excellence	259,500
Total ▶ 3a				300,499,916

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Society to Improve Diagnosis in Medicine Inc 1501 Hinman Avenue Evanston, IL 60201	N/A	PC	To support the market analysis and development of a business plan for a data registry platform focused on diagnosis	370,974
Sonoma County Regional Parks Foundation 2300 County Center Drive 120A Santa Rosa, CA 95403	N/A	SO I	To provide important scientific resources and natural resource capacity to Sonoma County Regional Parks in order to enhance biodiversity and ecological function on over 11,000 acres of open space	50,000
Sorbonne University4 Place Jussieu Paris 75252 cedex 05 FR	N/A	PC	In support of developing genetic tools for marine protists	344,250
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
StandOne Haight Street San Francisco, CA 94102	N/A	PC	To enable sustainable shipping	400,890
Stazione Zoologica Anton Dohrn Villa Comunale Napoli 80121 IT	N/A	GOV	In support of applying new approaches to study the triggers and regulation of sexual reproduction in photosynthetic diatoms to broaden understanding of the evolutionary consequences of reproduction in phytoplankton	415,541
Stockholm Environment Institute Linnegatan 87D 115 23 Stockholm SW	N/A	PC	To create Trase, the world's first open-access commodity supply-chain intelligence platform for sustainability	400,000
Total ► 3a				300,499,916

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Stockholm Environment Institute Linnegatan 87D 115 23 Stockholm SW	N/A	PC	To scale up Trase, the world's first open-access commodity supply-chain intelligence platform for sustainability	1,300,000
Sustainable Development Solutions Network Assoc 475 Riverside Drive Suite 530 New York, NY 10115	N/A	PC	To develop projections for bilateral trade of agricultural and forestry products between China and major exporting countries and recommendations for policy actions compatible with the Paris Agreement and the Sustainable Development Goals	750,000
Swarthmore College500 College Avenue Swarthmore, PA 19081	N/A	PC	In support of the collaborative project A tunable microfluidic platform for observing long term microbial community dynamics proposed at the 2017 Scialog Molecules Come to Life conference, where six team research proposals were selected through peer-review from thirteen team proposals that focused on convergence science at the intersection of physics and biology to address the need for a more quantitative, theory-based understanding of complex biological phenomena	56,250
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Systemiq Ltd69 Carter Lane London EC4V 5EQ UK	N/A	NC	To support the development of the Food and Land Use Global Report and its socialization with key economic decision makers in the public and private sectors, in order to protect and regenerate natural resources while providing nutritious and affordable food	650,000
T Buck Suzuki Environmental Foundation 100 326 12th Street New Westminster, BC V3M 4H6 CA	N/A	PC	To enable commercial fishermen engagement in habitat protection and sustainable fisheries management	350,000
TechSoup Global 435 Brannan Street Suite 100 San Francisco, CA 941071780	N/A	PC	To support and accelerate the growth of NGOSource's equivalency determination repository	75,000
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
The Board of Regents of the University of Nebraska 220 Vine Street 151 Whittier Resea Lincoln, NE 685380861	N/A	GOV	In support of developing genetic tools for marine protists	342,925
The Board of Trustees - Leland Stanford Jr Univ 348 Via Pueblo Mall Stanford Unive Stanford, CA 943054090	N/A	PC	To support the development of a novel revolutionary technical approach to particle accelerator design that holds the promise of expanding exploration of the physics energy frontier, enabling new table top physics, opening up attosecond science and damage-free time-resolved, molecular dynamics	2,723,937
The Board of Trustees - Leland Stanford Jr Univ 473 Via Ortega Stanford, CA 94305	N/A	PC	To incorporate ecosystem-based watershed management in regions that supply water to rapidly-growing Amazonian urban centers and to mitigate water-related risks	390,000
Total ▶ 3a				300,499,916

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The Board of Trustees - Leland Stanford Jr Univ 3172 Porter Drive Palo Alto, CA 943041212	N/A	PC	To support the development and pilot testing of Presence 5, a set of expert-recommended, evidence-based practices for promoting clinician presence	450,102
The Board of Trustees - Leland Stanford Jr Univ Varian Physics Building 382 Via Pu Stanford, CA 943054060	N/A	PC	In support of innovative experiments that search for low-mass particles that could be the cosmological dark matter	437,679
The Board of Trustees - Leland Stanford Jr Univ Varian Physics Building 382 Via Pu Stanford, CA 943054060	N/A	PC	To develop a novel gravitational wave detector based on atomic sensors	4,892,273
Total ▶ 3a				300,499,916

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The Board of Trustees - Leland Stanford Jr Univ Varian Physics Building 382 Via Pu Stanford, CA 943054060	N/A	PC	In support of theoretical physics work to identify signatures of new fundamental physics in cost-effective precision experiments	460,120
The Board of Trustees - Leland Stanford Jr Univ 450 Serra Mall Stanford, CA 94305	N/A	PC	To support development of an integrated method for determination of the structure and dynamics of groundwater systems with high spatial resolution and wide areal coverage The method is based on Interferometric Synthetic Aperture Radar (InSAR), airborne geophysical sensor (SkyTEM), and machine learning algorithms for data analysis and integration, and will be used to study groundwater systems in parts of the California Central Valley	538,375
The Board of Trustees - Leland Stanford Jr Univ 371 Serra Mall Stanford, CA 943056030	N/A	PC	In support of a scoping phase and, if feasible, an ecosystem services approach to informing planning and conservation decisions for a specific area on the San Francisco Bay Area coastline, in coordination with local partners	444,564
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The Board of Trustees - Leland Stanford Jr Univ 348 Via Pueblo Mall Stanford Unive Stanford, CA 943054090	N/A	PC	In support of research to produce reflective optical coatings with low thermal noise, for use in gravitational wave detectors	350,000
The Board of Trustees - Leland Stanford Jr Univ 3172 Porter Drive Palo Alto, CA 943041212	N/A	PC	To support a conference co-hosted by Stanford University and Nature on the use of artificial intelligence to improve healthcare value and quality	150,000
The Board of Trustees - Leland Stanford Jr Univ Varian Physics Building 382 Via Pu Stanford, CA 943054060	N/A	PC	In support of a collaboration among Stanford University, Massachusetts Institute of Technology, Friedrich-Alexander University (Germany) and the Technology University of Delft (Netherlands) to continue development of a prototype quantum electron microscope that uses quantum physics to image biological samples with greatly reduced damage	2,000,000
Total ▶ 3a				300,499,916

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The Board of Trustees - Leland Stanford Jr Univ 496 Lomita Mall Stanford, CA 94305	N/A	PC	In support of the development of an optical technique to efficiently separate chiral molecules	225,000
The Board of Trustees - Leland Stanford Jr Univ 318 Campus Drive Clark Center Roo Stanford, CA 943055444	N/A	PC	In support of the development of low-cost tools for microscopy and the development of corresponding educational materials to enable effective use in a variety of settings	352,723
The Board of Trustees - Leland Stanford Jr Univ 1265 Welch Road Room X267 Stanford, CA 94305	N/A	PC	To support a one-day symposium and resulting discussion papers exploring the possibilities and risks of artificial-intelligence supported diagnosis	150,000
Total ▶ 3a				300,499,916

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The Board of Trustees - Leland Stanford Jr Univ Varian Physics Building 382 Via Pu Stanford, CA 943054060	N/A	PC	To support the development and implementation of novel photoelectron spectroscopy and microwave impedance microscopy tools for investigations of complex materials	360,000
The Board of Trustees - Leland Stanford Jr Univ 348 Via Pueblo Mall Stanford Unive Stanford, CA 943054090	N/A	PC	In support of leading-edge research to discover materials with new functionality by exploiting atomically-thin 2D-materials combined as heterostructures and layered materials	405,000
The Board of Trustees - Leland Stanford Jr Univ 562 Salvatierra Walk Stanford, CA 94305	N/A	PC	To support a fellowship program for the digital civil society lab of Stanford Philanthropy and Civil Society	250,000
Total ► 3a				300,499,916

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The Board of Trustees - Leland Stanford Jr Univ 353 Serra Mall Gates 305 Stanford, CA 94305	N/A	PC	In support of demonstrating the high level of scientific impact that data scientists deliver through their focus on interdisciplinary data-driven research Funds from this award will support the fundamental development of DeepDive and its assistance in the natural sciences, including development of the core engine and its tools, while also enabling research collaborations in paleobiology, geosciences, and genomics	300,000
The Board of Trustees - Leland Stanford Jr Univ Varian Physics Building 382 Via Pu Stanford, CA 943054060	N/A	PC	In support of annual symposia and other meetings and seminars for junior researchers-- postdoctoral and graduate students--in the field of quantum materials	240,000
The Board of Trustees - Leland Stanford Jr Univ 348 Via Pueblo Mall Stanford Unive Stanford, CA 943054090	N/A	PC	In support of research targeting the synthesis and discovery of new emergent phenomena arising at the interface between quantum materials	300,000
Total ► 3a				300,499,916

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The Board of Trustees - Leland Stanford Jr Univ 3160 Porter Drive Suite 100 Palo Alto, CA 94304	N/A	PC	To build a marine electronic tag capable of rapidly transmitting in near real time the position of marine animals and their associated environmental data to address the challenging problem of assessing animal population abundance and behavior in the oceans	956,652
The Board of Trustees - Leland Stanford Jr Univ 348 Via Pueblo Mall Stanford Unive Stanford, CA 943054090	N/A	PC	In support of research targeting synthesis and investigations of novel materials exhibiting exotic types of electronic self-organization, particularly electronic nematic and charge density wave orders	320,000
The Board of Trustees - Leland Stanford Jr Univ Varian Physics Building 382 Via Pu Stanford, CA 943054060	N/A	PC	In support of discovery-driven research on strongly correlated electron systems and the development of new experimental tools for investigations of complex materials	553,210
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The Board of Trustees - Leland Stanford Jr Univ Yang Yamazaki Building 473 Via Or Stanford, CA 943054216	N/A	PC	In support of interdisciplinary research to advance the understanding of the main sources and sinks in the global cycle of methane	780,000
The Board of Trustees - Leland Stanford Jr Univ Varian Physics Building 382 Via Pu Stanford, CA 943054060	N/A	PC	In support of the Moore Postdoctoral and Visiting Scholars in Theory of Quantum Materials program at Stanford University	322,000
The Board of Trustees of the Univ of Illinois 1110 West Green Street Urbana, IL 618013080	N/A	GOV	In support of the Moore Postdoctoral Scholars in Theory of Quantum Materials program at the University of Illinois	199,000
Total ► 3a				300,499,916

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<div>Name and address (home or business)</div>				
a <i>Paid during the year</i>				
The Board of Trustees of the Univ of Illinois 1205 W Clark Street Urbana, IL 61801	N/A	GOV	In support of demonstrating the high level of scientific impact that data scientists deliver through their focus on interdisciplinary data-driven research. Funds from this award will support developing infrastructure for transforming the process of discovery through semantically-aware, analysis and visualization of data from the physical sciences.	600,000
The Board of Trustees of the Univ of Illinois 1901 S First Street Suite A Champaign, IL 61820	N/A	GOV	In support of an integrated experimental facility for synthesis and investigations of materials using techniques of molecular beam epitaxy, scanning tunneling microscopy, angle-resolved photoemission spectroscopy and momentum-resolved electron energy-loss spectroscopy.	100,000
The Board of Trustees of Western Michigan Univ 1903 W Michigan Avenue Kalamazoo, MI 490085252	N/A	GOV	To develop and test a model that addresses quantitatively how biomolecular chirality is created in space.	119,980
Total ► 3a				300,499,916

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The Chancellor Masters and Scholars of Cambridge 16 Mill Lane Cambridge CB2 1SB UK	N/A	PC	In support of developing genetic tools for marine protists	363,724
The Chancellor Masters and Scholars of Cambridge 16 Mill Lane Cambridge CB2 1SB UK	N/A	PC	In support of developing genetic tools for marine protists	151,837
The Chancellor Masters and Scholars of Cambridge 16 Mill Lane Cambridge CB2 1SB UK	N/A	PC	In support of combining experimental and theoretical research aimed at understanding spatial and temporal aspects of marine ecosystem dynamics, from the single cell to marine microbial populations	506,875
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The Chancellor Masters and Scholars of Cambridge 16 Mill Lane Cambridge CB2 1SB UK	N/A	PC	In support of developing new protein analysis and quantum-sensing methods to explore interactions between a photosynthetic alga and its coral host	611,255
The Draper Richards Kaplan Foundation 1600 El Camino Real Suite 155 Menlo Park, CA 94025	N/A	POF	To provide direct support and portfolio support to one or more organizations in their pursuit of innovations to improve the experience and/or outcomes of patient care	300,000
The Exploratorium Pier 17 Suite 100 San Francisco, CA 94111	N/A	PC	In support of purchase, installment and training for customer relationship management software	500,000
Total ▶ 3a				300,499,916

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The ExploratoriumPier 17 Suite 100 San Francisco, CA 94111	N/A	PC	In support of development, prototyping, and build-out of a series of exhibits that seek to convey key scientific ideas and issues to the public, including those related to genetics and heredity	1,678,252
The Freshwater Trust 65 SW Yamhill Street Suite 200 Portland, OR 97204	N/A	PC	To pilot the implementation of a groundwater management system using internet connected sensors at pump sites to transmit water usage data to a blockchain-enabled platform	300,575
The Ohio State University 140 West 18th Avenue Columbus, OH 432101173	N/A	GOV	In support of a small telescope network capable of monitoring the entire visible sky every night	1,474,178
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The Pennsylvania State University 201 Old Main University Park, PA 16802	N/A	GOV	In support of design and development of high-efficiency quantum light sources on-a-chip to drive progress in quantum computing and quantum information processing	225,000
The Pennsylvania State University 201 Old Main University Park, PA 16802	N/A	GOV	To support the work of Patient and Family Engagement Early-Career Investigator, Andrea Yevchak Sillner, in her project to develop assessment items that allow clinical providers to better assess and then integrate patient preferences for technology communication strategies into plans of care	155,191
The Sense of Silence Foundation Argua 186 08800 Vilanova i la Geltrú Barcelona SP	N/A	PC	To support the development and optimization of technology and a biodiversity index to monitor protected areas and indigenous lands across the Amazon	800,000
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The Tech Museum of Innovation 201 South Market Street San Jose, CA 95113	N/A	PC	In support of the purchase and installation of an IMAX digital dome projection system and sound system	1,803,000
The Texas A&M University System 580 Ross Street College Station, TX 77843	N/A	GOV	In support of the invention of a new class of semiconductor nanocrystals to rectify photon transport	225,000
The Wildlands Conservancy 39611 Oak Glen Road Building 12 Oak Glen, CA 92399	N/A	PC	To establish public access to the 5,630-acre Jenner Headlands Preserve and the 238-acre Pole Mountain Preserve, which will provide visitors with an opportunity to experience this area of the picturesque Sonoma Coast in a manner consistent with habitat preservation	40,000
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Third Sector New England Inc The Nonprofit Center 89 South Str Boston, MA 02111	N/A	PC	To provide support for ocean policy analysis and information	278,468
Tides Canada Foundation 400-163 Hastings Street Vancouver, BC V6B 1H5 CA	N/A	PC	To support the resilience of Inuit communities in Nunavut to ensure the durability of healthy ocean ecosystem solutions	229,833
Tides Canada Foundation 400-163 Hastings Street Vancouver, BC V6B 1H5 CA	N/A	PC	To support implementation of the Marine Planning Partnership ocean plan to protect the marine environment, create opportunities for sustainable economic development, and support the well-being of coastal communities	300,000
Total			▶ 3a	300,499,916

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Tides Canada Foundation 400-163 Hastings Street Vancouver, BC V6B 1H5 CA	N/A	PC	In support of the Marine Plan Partnership's integration with complementary initiatives	278,417
Trust for Conservation Innovation 405 14th Street Suite 164 Oakland, CA 946122705	N/A	PC	In support of the development, field testing, and dissemination of sensor-based kits for education, conservation, and scientific purposes	749,572
Trustees of Columbia University in the City of NY 615 West 131st Street Room 254 Ma New York, NY 100277922	N/A	PC	In support of developing a microscale technology to explore the interactions between a microbe and its endosymbiont	356,931
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Trustees of Dartmouth College 11 Rope Ferry Road 6210 Hanover, NH 037551404	N/A	PC	To support the development of a person-centered, registry-based health care delivery process, and a related information technology platform, that will systematically gather longitudinal data on health status and prescribed treatments and apply evidence in real-time to improve outcomes and care experiences for people with serious illness	1,500,000
Trustees of Princeton University 4 Ivy Lane Princeton, NJ 08544	N/A	PC	To develop an all-sky monitoring system to detect near-earth asteroids, stellar variations, and cosmic explosions	806,250
Trustees of Princeton University 701 Carnegie Center Suite 442 Princeton, NJ 08540	N/A	PC	To develop novel research methods and protocols to determine whether wire-like quantum charge transport in DNA is deployed by nature for everyday cellular functions	1,200,000
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Trustees of Princeton University 106A Guyot Hall Princeton University Princeton, NJ 085442016	N/A	PC	In support of using high-resolution satellite imagery and computer modeling to detect and explain ecosystem patterns at multiple scales in marine and terrestrial environments	363,164
Trustees of Princeton University 701 Carnegie Center Suite 435 PO Princeton, NJ 08544	N/A	PC	In support of demonstrating the high level of scientific impact that data scientists deliver through their focus on interdisciplinary data-driven research. Funds from this award will help create new algorithms for three-dimensional structure determination of macromolecules by cryo-electron microscopy, and will extend the scope of statistical estimation problems that can be solved in polynomial time with provable guarantees	600,000
Trustees of Princeton University Engineering Quadrangle Olden Street Princeton, NJ 08544	N/A	PC	In support of research targeting synthesis and characterization of new materials exhibiting novel electronic and/or magnetic properties	760,000
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Trustees of Princeton University Jadwin Hall Washington Road Princeton, NJ 08540	N/A	PC	To support investigations of Berry-curvature physics in various classes of quantum materials	303,007
Trustees of Princeton University 701 Carnegie Center Suite 442 Princeton, NJ 08540	N/A	PC	In support of research targeting discovery of novel superconductors and development of novel methods for synthesis of quantum materials	395,000
Trustees of Princeton University 119 Lewis Thomas Laboratory Washing Princeton, NJ 08544	N/A	PC	In support of using genomic comparisons, chemistry analyses, and imaging techniques to understand the mechanisms of how sea slugs acquire and use nutrients and protection in symbiotic relationships	1,400,000
Total ▶ 3a				300,499,916

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Trustees of Princeton University Jadwin Hall Washington Road Princeton, NJ 08540	N/A	PC	To support investigations of the electronic properties of quantum materials by directly visualizing electronic wavefunctions, using scanning probe and spectroscopic techniques	573,338
Trustees of Princeton University Jadwin Hall Washington Road Princeton, NJ 08540	N/A	PC	To support investigations of the emergent electronic properties in hybrid and nano-engineered artificial quantum materials	368,080
Trustees of the University of Pennsylvania 10-122 SCTR 3400 Civic Center Boul Philadelphia, PA 191045158	N/A	PC	In support of demonstrating the high level of scientific impact that data scientists deliver through their focus on interdisciplinary data-driven research. Funds from this award will support the development of new approaches to simplify and interpret deep-learning-derived models of biological data, and to develop and release web servers that put these methods into the hands of biologists.	600,000
Total ▶ 3a				300,499,916

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Trustees of Tufts College 160 Packard Avenue Medford, MA 02155	N/A	PC	In support of valuing local benefits provided by native vegetation to the agricultural sector in Brazil to inform private sector sourcing and investment decisions	900,000
Twin Cities Public Television Inc 172 East 4th Street Saint Paul, MN 55101	N/A	PC	To support production and distribution of a television documentary about preparing for aging	750,000
United States Endowment for Forestry and Comm 908 E North Street Greenville, SC 29601	N/A	PC	For improved forest health through increasing the scale and pace of restoration in California forests	500,000
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Universidad de Ingenieria y Tecnologia Jr Medrano Silva 165 Barranco Lima PE	N/A	PC	To create a baseline of river dynamics in the Marañon Basin of Peru and to support the inclusion of such information in infrastructure planning in the Peruvian Amazon to minimize environmental and social impacts	1,097,264
Universite de Sherbrooke 2500 boul de l'Universite Sherbrooke, QC J1K 2R1 CA	N/A	PC	In support of electronic transport measurements on cuprate superconductors in extremely high magnetic fields and high pressures, aimed at resolving the physical origin of the pseudogap phase	205,000
Universite Pierre et Marie Curie 4 Place Jussieu Paris 75252 cedex 05 FR	N/A	PC	In support of building a community-curated taxonomic framework for classifying the tree of life for protists (single-celled eukaryotes)	278,360
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University of British Columbia 103-6190 Agronomy Road Vancouver, BC V6T 1Z3 CA	N/A	PC	In support of research using molecular and experimental approaches to shed light on common yet poorly understood nutritional modes of microbial eukaryotes	123,064
University of British Columbia 6224 Agricultural Road Vancouver, BC V6T 1Z1 CA	N/A	PC	In support of the construction of a system for investigations of materials using ultrafast angle-resolved photoemission spectroscopy, coupled with a novel tunable extreme-ultraviolet laser source	140,000
University of British Columbia 2424 Main Mall Vancouver, BC V6T1Z4 CA	N/A	PC	In support of investigating how stress reduces survival of shellfish and capitalizing on shellfish genetic diversity to bypass boom-and-bust cycles in aquaculture	852,693
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a <i>Paid during the year</i>				
University of Chicago 920 E 58th Street CLSC Chicago, IL 60637	N/A	PC	In support of demonstrating the high level of scientific impact that data scientists deliver through their focus on interdisciplinary data-driven research. Funds from this award will develop a framework for improved statistical methods comparisons, and lay the groundwork for understanding the molecular mechanisms underlying gene regulation.	600,000
University of Delaware 204 Cannon Lab 700 Pilottown Road Lewes, DE 19958	N/A	GOV	In support of using fieldwork and analytical chemistry approaches to determine how juvenile coral and reef fish select habitats in the Caribbean Sea. Research findings will inform ocean planning and management strategies.	354,226
University of Delaware 540 South College Ave Newark, DE 19713	N/A	GOV	To support the work of Patient and Family Engagement Early-Career Investigator, Matthew Cohen, in his project to improve the clinical utility of content-tailored patient-reported outcome measures for individuals who have impaired communication abilities.	164,062
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
University of Exeter Mail Room The Old Library Exeter, Devon EX4 4SB UK	N/A	PC	In support of using genetic model systems and advanced protein analysis tools to characterize how marine microbes extract nutrients from seawater	196,902
University of Florida Board of Trustees 219 Grinter Hall PO Box 115500 Gainesville, FL 32611	N/A	GOV	In support of demonstrating the high level of scientific impact that data scientists deliver through their focus on interdisciplinary data-driven research. Funds from this award will achieve a deeper understanding of how to forecast changes in ecological systems and help facilitate and establish data-intensive research in ecology	600,000
University of Florida Board of Trustees 319 Grinter Hall PO Box 115531 Gainesville, FL 32611	N/A	GOV	To create a community of practice among networks of stakeholders across the Amazon to improve transparency and accountability of infrastructure planning and the environmental governance of protected areas mosaics	693,500
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment

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Name and address (home or business)				
a <i>Paid during the year</i>				
University of Georgia Research Foundation Inc 310 East Campus Road Tucker Hall Athens, GA 30602	N/A	PC	In support of using advanced analytical instrumentation and protein characterization tools to measure the flux of nutrients exchanged between marine microbes	361,337
University of Gothenburg Medicinaregatan 18 A Box 463 Goteborg SW	N/A	PC	In support of developing genetic tools for marine protists	240,064
University of Hawaii 2440 Campus Road Box 368 Honolulu, HI 96822	N/A	GOV	In support of determining the mechanisms that underlie how bacteria enable a swimming worm larva to settle on the seafloor to become an adult	109,502
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
University of Hawaii 2440 Campus Road Box 368 Honolulu, HI 96822	N/A	GOV	To generate a better understanding of the biodiversity and ecology of a large deep-sea ecosystem prior to mining	572,530
University of Kansas Center for Research Inc 2385 Irving Hill Road Lawrence, KS 660457568	N/A	PC	In support of research and development of a science-focused invention aimed at making peptide drugs that will re-sensitize bacteria to common antibiotics	225,000
University of KentThe Registry Canterbury CT2 7NZ UK	N/A	PC	In support of developing genetic tools for marine protists	162,147
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
University of LeedsWoodhouse Lane Leeds, West Yorkshire LS2 9JT UK	N/A	PC	To ensure that the impact of climate change on tree species and forest function in Peruvian Amazon protected areas is effectively incorporated into management decisions	150,000
University of Montana ORSP University Hall 116 Universi Missoula, MT 59812	N/A	GOV	In support of developing new methods to explore the evolution and interactions among two bacteria, where one bacterium lives nested inside the other bacterium, all inside specialized insect cells	531,586
University of North Carolina 601 S College Road Wilmington, NC 28403	N/A	GOV	In support of the launching and orbiting of inexpensive nanosatellites, called CubeSats, that provide sustained information about surface ocean processes with high spatial and temporal resolution	800,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
University of Southern California 3616 Trousdale Parkway AHF 107 Los Angeles, CA 900890371	N/A	PC	In support of using laboratory experiments and computer models to define the evolutionary rules that govern which combinations of form and function are possible for one type of marine diatom	485,480
University of Tennessee 1508 Middle Drive Knoxville, TN 37996	N/A	GOV	In support of research aimed at design and discovery of new layered chalcogenides with active spin degrees of freedom and novel chiral ferromagnets	300,000
University of Texas System 101 E 27th Street Suite 5300 Austin, TX 787121532	N/A	GOV	In support of research that seeks to develop atomically thin two-dimensional silicon for integration with technology to provide energy savings in industrial, consumer, and health fields	225,000
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
University of Texas System 100 E 24th Street Austin, TX 78712	N/A	GOV	In support of research and development to advance mass spectrometer technology for rapid diagnosis of cancer tissues	225,000
University of Texas System 5323 Harry Hines Boulevard Dallas, TX 75390	N/A	GOV	In support of demonstrating the high level of scientific impact that data scientists deliver through their focus on interdisciplinary data-driven research. Funds from this award will be used to develop and experimentally test a new quantitative description of bacterial genomes derived from evolutionary statistics.	600,000
University of Utah 75 South 2000 East Salt Lake City, UT 84112	N/A	GOV	To support the development and testing of an Ambulatory Patient Safety Electronic Health Record Flight Simulator Tool	606,518
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
University of Utah Building 512 2nd Floor 75 South 200 Salt Lake City, UT 84112	N/A	GOV	In support of innovative laboratory culture methods, biochemistry experiments, and analytical chemistry techniques to identify the molecular mechanisms underlying communication of aquatic microbes in antagonistic and symbiotic relationships	562,944
University of Washington Paul G Allen Center 185 Stevens W Seattle, WA 98195	N/A	GOV	In support of demonstrating the high level of scientific impact that data scientists deliver through their focus on interdisciplinary data-driven research. Funds from this award will be used to enhance and accelerate data-intensive science through novel interactive tools to assess, transform and visualize data.	600,000
University of Washington 4333 Brooklyn Avenue NE Box 359472 Seattle, WA 981959472	N/A	GOV	To support data scientists in pursuit of scientific research across the life, physical and social sciences as well as experimentation to identify the best methodologies to improve data science practice within academia.	3,000,000
Total			3a	300,499,916

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a <i>Paid during the year</i>				
University of Washington 3910 15th Avenue NE Seattle, WA 981951560	N/A	GOV	In support of the materials synthesis and characterization laboratory of Dr. Jiun-Haw Chu, which will target the discovery and investigations of atomically thin and layered quantum materials	450,000
University of Washington 4333 Brooklyn Avenue NE Box 359472 Seattle, WA 981959472	N/A	GOV	In support of developing a virus-bacterium-alga culture system and advancing methods to investigate how virus infection and stress impact gene flow and microbial evolution in cold, highly saline environments	620,661
University System of Maryland 1117 John S Toll Building 082 College Park, MD 20742	N/A	GOV	In support of research aimed at discovering novel quantum materials through a combination of exploratory synthesis, high-throughput semi-automated synthesis, and data mining	150,000
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
University of Louisville Research Foundation 300 East Market Street Suite 300 Louisville, KY 402021959	N/A	SO I	To support a role delineation study and certification program in palliative care for social workers	92,755
URU The Right to Be Inc 70 Audubon Street 2nd Floor New Haven, CT 06510	N/A	PC	In support of a virtual reality initiative to impact how young people see science in their everyday world and inspire our scientists of tomorrow	375,000
Vital Talk901 Harvard Avenue E Seattle, WA 98102	N/A	PC	In support of the increased availability of clinicians in California that are trained and skilled in communicating with patients on serious illness end-of-life care and options	91,350
Total ▶ 3a				300,499,916

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<div>Name and address (home or business)</div>				
a <i>Paid during the year</i>				
Washington University 4240 Duncan Avenue Suite 300 St Louis, MO 63130	N/A	PC	In support of using environmental sampling and advanced microscopy to study a close relationship between two microbes to shed light on evolution in action and cooperative interactions in the marine environment	223,442
Water Foundation 55 Capitol Mall Suite 1155 Sacramento, CA 95814	N/A	PC	To develop and test water market mechanisms for Sustainable Groundwater Management Act implementation, and to examine the conditions under which market-based approaches are effective through rigorous monitoring, evaluation and learning	2,400,000
West Coast Environmental Law Research Foundation 200-2006 West 10th Avenue Vancouver, BC V6J 2B3 CA	N/A	PC	For technical and legal tools that support habitat protection	200,000
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Name and address (home or business)				
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WGBH Educational Foundation One Guest Street Boston, MA 02135	N/A	PC	In support of the production of a documentary film program on quantum entanglement and development of accompanying digital content and educational resources	250,000
Whitehead Institute for Biomedical Research 455 Main Street Cambridge, MA 02142	N/A	PC	In support of developing novel fluorescence probes for use in diverse biological imaging applications	516,667
Wiki Education Foundation 11A Funston Avenue San Francisco, CA 94129	N/A	PC	In support of development and dissemination of accurate and accessible science content for the lay public	485,000
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Wilderness Markets 11654 Plaza America Drive Suite 154 Reston, VA 20190	N/A	NC	To improve understanding of market recognition for conservation performance of fisheries, through a business case and lessons learned report for the California groundfish value chain pilot, and a commodity sector activation white paper documenting successful strategies in other, analogous sectors	50,000
Wildlife Conservation Society 2300 Southern Boulevard Bronx, NY 10460	N/A	PC	To support the inclusion of environmental criteria in infrastructure designs in the Peruvian and Bolivian Amazon to minimize environmental and social impacts	1,174,005
Wildlife Conservation Society 2300 Southern Boulevard Bronx, NY 10460	N/A	PC	To support the implementation of a durable network of local communities, students, scientists, and conservationists to collect and share data using novel technologies to document the shifting ecosystem and resource dynamics of aquatic habitats across the Amazon Basin	200,000
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Wildlife Conservation Society 2300 Southern Boulevard Bronx, NY 10460	N/A	PC	To support the consolidation of indigenous lands in the Amazon and their integration into land use planning decisions by strengthening a partnership between the conservation and human rights communities	50,000
Wildlife Conservation Society 2300 Southern Boulevard Bronx, NY 10460	N/A	PC	To consolidate 17 conservation units (protected areas and indigenous lands) in three mosaics in Bolivia, Peru, and Ecuador totaling over 11 million hectares	3,500,000
William Marsh Rice University MS-16 PO Box 1892 Houston, TX 77251	N/A	PC	In support of developing biosensors to report on the actions of marine microbes, providing molecular signals for studying microbial evolution and cell-cell communication in the ocean	332,000
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a <i>Paid during the year</i>				
William Marsh Rice University 6100 Main MS-61 Houston, TX 770051827	N/A	PC	In support of research targeting discovery of new materials that enhance our understanding of magnetism, unconventional superconductivity, and the interplay between these phenomena	200,000
Windward Fund 1201 Connecticut Avenue NW Suite 3 Washington, DC 20036	N/A	PC	In support of the Water Table funder membership group impact through its operations, strategic development, and monitoring and evaluations	250,000
Windward Fund 1201 Connecticut Avenue NW Suite 3 Washington, DC 20036	N/A	PC	To improve decision-making for water resources by developing a global dataset on local water management and quantifying corporate water risk	2,030,000
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Woods Hole Oceanographic Institution 266 Woods Hole Road Woods Hole, MA 025431052	N/A	PC	In support of developing genetic tools for marine protists	444,877
Woods Hole Oceanographic Institution 266 Woods Hole Road Woods Hole, MA 025431052	N/A	PC	In support of laboratory and field experiments to tease apart the relationships between pairs of interacting microbes and an important component of dissolved organic matter in the ocean long chains of sugars	525,875
Woods Hole Oceanographic Institution 266 Woods Hole Road Woods Hole, MA 025431052	N/A	PC	In support of a new approach to oceanographic research focused on rapid software and hardware innovation, partnering with industry to accelerate progress by creating a WHOI-led Innovation Center	1,500,000
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a <i>Paid during the year</i>				
Woods Hole Oceanographic Institution 266 Woods Hole Road Woods Hole, MA 025431052	N/A	PC	In support of developing a new interdisciplinary understanding of the mechanisms that underlie small-scale chemical, physical, and microbiological phenomena that contribute to marine particle consumption, which is critical for improving models of the ocean carbon cycle	107,014
Woods Hole Research Center Inc 149 Woods Hole Research Center Falmouth, MA 02543	N/A	PC	To develop datasets on Pan-Amazon forest resilience (forest degradation and climatic vulnerability) and to train forest managers and policymakers to use these data to inform conservation decisions	200,000
World Business Council for Sustainable Development Maison de la Paix Chemin Eugene-Ri Geneva SZ	N/A	NC	To foster pre-competitive collaboration among major global soy traders to reduce deforestation driven by soy in the Cerrado Biome in Brazil	130,000
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World Business Council for Sustainable Development Maison de la Paix Chemin Eugene-Ri Geneva SZ	N/A	NC	To implement the finance collaboration for the Conservation and Financial Markets Initiative	2,872,799
World Resources Institute 10 G Street NE Suite 800 Washington, DC 20002	N/A	PC	To support next generation development of Global Forest Watch Pro commodities and finance platform to better monitor and track deforestation and related risk	906,626
World Resources Institute 10 G Street NE Suite 800 Washington, DC 20002	N/A	PC	To support countries in applying for Global Environment Facility funds from the Food Systems, Land Use, and Restoration Impact Program, to increase their investments in strategies that reduce agricultural pressure on natural ecosystems	750,000
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World Wildlife Fund Canada 410 Adelaide Street West Toronto, ON M5V 1S8 CA	N/A	PC	To ensure a strong framework for the conservation and sustainable use of Canada's Arctic Ocean	1,377,286
World Wildlife Fund Canada 410 Adelaide Street West Toronto, ON M5V 1S8 CA	N/A	PC	To enable sustainable shipping	506,435
World Wildlife Fund Inc 1250 24th Street NW Washington, DC 20037	N/A	PC	To ensure the long-term implementation of sustainable finance strategies for two protected areas in northern Bolivia	100,000
Total ► 3a				300,499,916

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World Wildlife Fund Inc 1250 24th Street NW Washington, DC 20037	N/A	PC	To achieve the financial sustainability of 16 7 million hectares of national-level Amazon protected areas in Peru	3,000,000
World Wildlife Fund Inc 1250 24th Street NW Washington, DC 20037	N/A	PC	In support of transboundary Arctic policy and management that furthers ocean conservation	846,455
World Wildlife Fund Inc 1250 24th Street NW Washington, DC 20037	N/A	PC	To implement the finance collaboration for the Conservation and Financial Markets Initiative	2,647,811
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World Wildlife Fund Inc 1250 24th Street NW Washington, DC 20037	N/A	PC	To garner broad stakeholder support to the conservation of the Argentinian Chaco Biome and to create an enabling environment for conversion-free commodities	500,000
World Wildlife Fund Inc 1250 24th Street NW Washington, DC 20037	N/A	PC	To support protected area monitoring, evaluation and planning in the Brazilian Amazon by generating strategic information that can be used to minimize threats related to sub-optimal management while promoting the use of tools and technologies that maximize their effectiveness	350,000
World Wildlife Fund Inc 1250 24th Street NW Washington, DC 20037	N/A	PC	To consolidate the long-term implementation of sustainable finance strategies for two protected areas in northern Bolivia that serve as models for the national park system	461,035
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World Wildlife Fund Inc 1250 24th Street NW Washington, DC 20037	N/A	PC	To implement the agriculture collaboration for the Forests and Agricultural Markets Initiative	5,311,369
Yale University15 Prospect Street New Haven, CT 06511	N/A	PC	In support of research aimed at deciphering the mechanism of high-temperature superconductivity and discovering new superconductors through synthesis of novel heterostructures using atomic- layer-by-layer molecular beam epitaxy	220,000
Yale UniversityPO Box 208056 New Haven, CT 06520	N/A	PC	To support development and dissemination of training materials for patients and clinicians to advance patient priority care	98,657
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Yellowstone to Yukon Conservation Initiative PO Box 157 Bozeman, MT 597710157	N/A	PC	In support of the International Union for Conservation of Nature's Beyond Aichi Task Force for the development of global conservation targets at the 2020 United Nations Convention on Biological Diversity	1,667,794
ZappyLab Inc 2120 University Avenue Suite 410 Berkeley, CA 94704	N/A	NC	In support of building an online protist genetics community and expanding an online marine virus ecology community to increase knowledge sharing and establish best practices in methods and approaches	75,000
Academy Health 1666 K Street NW Suite 1100 Washington, DC 20006	N/A	PC	In support of general operations	2,000
Total ► 3a				300,499,916

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a Paid during the year				
Academy Health 1666 K Street NW Suite 1100 Washington, DC 20006	N/A	PC	In support of the screening of the To Err is Human documentary	15,000
Alaska Wilderness League 122 C Street NW Suite 240 Washington, DC 20001	N/A	PC	In support of general operations	1,500
Alliance for Climate Protection 750 9th Street NW Suite 520 Washington, DC 20001	N/A	PC	In support of general operations	2,000
Total ▶ 3a				300,499,916

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Amazon Conservation Association 1012 14th Street NW Suite 625 Washington, DC 20005	N/A	PC	To provide technical support and participate in the international RedLAC20 Assembly in Santa Cruz, Bolivia, which will address creativity and innovation in conservation and give participants the chance to showcase models of protected area sustainability	10,000
American Academy of Arts and Sciences 136 Irving Street Cambridge, MA 02138	N/A	PC	In support of general operations	2,000
American Associates of the STS Forum 25 Broadway 9th Floor New York, NY 10004	N/A	PC	In support of general operations	35,000
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American Assoc for the Advancement of Science 1200 New York Avenue NW Washington, DC 20005	N/A	PC	In support of science policy	2,000
American Assoc for the Advancement of Science 1200 New York Avenue NW Washington, DC 20005	N/A	PC	To support the NYC Science Policy Symposium	5,000
American Chemical Society 1155 Sixteenth Street Washington, DC 20036	N/A	PC	In support of the New Advances in 3D Nanoprinting meeting at the Fall National American Chemistry Society meeting that was held from Aug 19-23, 2018, in Boston to discuss the use of 3D nanoprinting technologies in chemistry. The funds will cover attendees' registration and partial support of local travel to the meeting.	9,560
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American Littoral Society 18 Harshorne Drive Suite 1 Highlands, NJ 07732	N/A	PC	To support communications training for staff	20,000
American Museum of Natural History Central Park West at 79th Street New York, NY 100245192	N/A	PC	In support of making popular science videos about microbial life to engage the public	15,000
American Society for Cell Biology 8120 Woodmont AvenueSuite 750 Bethesda, MD 208142762	N/A	PC	In support of the 2018 American Society for Cell Biology-European Molecular Biology Organization Meeting to be held December 8-12,2018 in San Diego, California	15,000
Total ▶ 3a				300,499,916

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American Society for Microbiology 1752 N Street NW Washington, DC 20036	N/A	PC	In support of the 8th American Society for Microbiology Conference on Biofilms to be held October 7-11, 2018, in Washington, D C	7,500
American Society for Microbiology 1752 N Street NW Washington, DC 20036	N/A	PC	In support of a convening to bring together microbiome experts at the American Society for Microbiology headquarters	18,000
Assoc for the Sciences of Limnology and Ocean 5400 Bosque Boulevard Suite 680 Waco, TX 767104446	N/A	PC	In support of the Association for the Sciences of Limnology and Oceanography 2018 Summer Meeting to be held in Victoria, BC, Canada, June 10-15, 2018	7,500
Total ► 3a				300,499,916

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Bay Area Discovery Museum 557 McReynolds Road Sausalito, CA 94965	N/A	PC	In support of the Capital Campaign	25,000
Bay Area Open Space Council 2150 Allston Way Suite 320 Berkeley, CA 94704	N/A	PC	To support leadership and strategic planning	25,000
Beyond Emancipation 675 Hegenberger Road Suite 100 Oakland, CA 94621	N/A	PC	In support of general operations	500
Total ► 3a				300,499,916

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Board of Regents of the University of Wisconsin Kellner Hall 1440 Monroe Street Madison, WI 53711	N/A	GOV	In support of scholarships	10,000
Board of Regents of the University of Wisconsin 800 Langdon Street Madison, WI 53706	N/A	GOV	In support of the 7th Beneficial Microbes Conference to be held July 8-11, 2018, in Madison, WI	7,500
Boardsource 750 9th Street NW Suite 650 Washington, DC 20001	N/A	PC	In support of general operations	35,000
Total ▶ 3a				300,499,916

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Boston College Trustees 140 Commonwealth Avenue Chestnut Hill, MA 02467	N/A	PC	In support of general operations	500
California Academy of Sciences 55 Music Concourse Drive Golden Ga San Francisco, CA 94118	N/A	PC	In support of general operations	5,000
California Council on Science and Technology 1130 K Street Suite 280 Sacramento, CA 95814	N/A	PC	To help the California Council on Science and Technology prepare for its next phase of leadership by examining its governance, board and staff leadership structures and relationships	15,000
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
California Council on Science and Technology 1130 K Street Suite 280 Sacramento, CA 95814	N/A	PC	To support the Celebration of Science and Education event at the Exploratorium	50,000
California Council on Science and Technology 1130 K Street Suite 280 Sacramento, CA 95814	N/A	PC	In support of the Science Fellows Program	5,000
California Institute of Technology 1200 East California Boulevard Pasadena, CA 91125	N/A	PC	In support of the Trustee Annual Fund	50,000
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
California Jazz Conservatory Inc 2087 Addison Street Berkeley, CA 94704	N/A	PC	In support of general operations	50,000
California Shakespeare Theater 701 Heinz Avenue Berkeley, CA 94710	N/A	PC	In support of general operations	10,000
California Telehealth Network 2001 P Street Suite 100 Sacramento, CA 95811	N/A	PC	To support the general operations of the California Telehealth Resource Center, which is housed within the California Telehealth Network	15,000
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Canadian Environmental Grantmakers' Network 2 St Clair Ave East Suite 300 Toronto, ON M4T 2T5 CA	N/A	PC	To support CEGN's annual conference	10,000
Canadian Environmental Grantmakers' Network 2 St Clair Ave East Suite 300 Toronto, ON M4T 2T5 CA	N/A	PC	In support of general operations	10,000
Carnegie Institution of Washington 1530 P Street NW Washington, DC 200051910	N/A	PC	To support a workshop which explores ways to advance our understanding of Earth's complex co-evolving geosphere and biosphere through the collection, analysis, and visualization of large and growing data resources	20,000
Total ► 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
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a <i>Paid during the year</i>				
Catalina High School Foundation 3930 N Larrea Lane Tucson, AZ 85750	N/A	PC	In support of general operations	10,000
Center for Effective Philanthropy Inc 675 Massachusetts Avenue 7th Floor Cambridge, MA 02139	N/A	PC	In support of general operations	50,000
Central Association of the Miraculous Medal St Vincents Seminary 500 East Che Philadelphia, PA 19144	N/A	PC	In support of general operations	500
Total ► 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Children's Hospital & Research Center Foundation 2201 Broadway Suite 600 Oakland, CA 94612	N/A	PC	In support of general operations	25,000
Cityteam Ministries2304 Zanker Road San Jose, CA 95131	N/A	PC	To support Heritage Home in San Jose	100
Climate Institute 1201 New York Avenue NW Suite 400 Washington, DC 20005	N/A	PC	In support of general operations	15,000
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
Coalition to Transform Advanced Care 1299 Pennsylvania Avenue NW Suite 1 Washington, DC 20004	N/A	PC	In support of general operations	20,000
Coalition to Transform Advanced Care 1299 Pennsylvania Avenue NW Suite 1 Washington, DC 20004	N/A	PC	In support of 2018 National Summit on Advanced Illness Care, to be held October 9-11, 2018 in Denver, CO	25,000
Code for Science and Society Inc 1221 SE 34th Avenue Portland, OR 97214	N/A	PC	In support of a three-month study on the sustainability of existing open scientific tools and develop resources, programming, and infrastructure to support the research software community	26,500
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Code for Science and Society Inc 1221 SE 34th Avenue Portland, OR 97214	N/A	PC	In support of the Handbook Hackathon to be held from July 25-27, 2018 This event will bring together experts in the field to brainstorm, research, write, and perfect a handbook for open source projects	7,500
Communication Network 1717 North Naper Boulevard Suite 1 Naperville, IL 60563	N/A	PC	In support of general operations	1,500
Community Food Bank Inc 3003 S Country Club Road Tucson, AZ 85713	N/A	PC	To support general operations in memory of Dr Theodore Greenburg	1,000
Total ► 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Community Initiatives 1000 Broadway Suite 480 Oakland, CA 94607	N/A	PC	In support of general operating expenses for the Northern Sierra Partnership	10,000
Community Initiatives 1000 Broadway Suite 480 Oakland, CA 94607	N/A	PC	In support of CarpentryCon 2018 which will bring together 100-150 newer and more experienced community members to share knowledge, to network, to develop new skills, and to develop strategies for building strong local communities	12,500
Conservation International Foundation 2011 Crystal Drive 600 Arlington, VA 22202	N/A	PC	In support of the Kenya Reteti Elephant Sanctuary	15,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Conservation International Foundation 2011 Crystal Drive 600 Arlington, VA 22202	N/A	PC	To support general operations and the South Africa Program	40,000
Conservation International Foundation 2011 Crystal Drive 600 Arlington, VA 22202	N/A	PC	In support of the Global Public Policy & Government Relations Division building U S support for global conservation	200,000
Conservation International Foundation 2011 Crystal Drive 600 Arlington, VA 22202	N/A	PC	To support the Seligman Innovation Fund	25,000
Total ► 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Conservation International Foundation 2011 Crystal Drive 600 Arlington, VA 22202	N/A	PC	In support of the identification of future priority conservation landscapes	10,000
Consortium for Ocean Leadership Inc 1201 New York Avenue NW Suite 420 Washington, DC 20005	N/A	PC	In support of general operations	2,625
Consultative Group on Biological Diversity Presidio Building 1016 PO Box 2936 San Francisco, CA 941290361	N/A	PC	To provide support for the Biodiversity Funders Group (formerly called the Consultative Group on Biological Diversity) and Funders of the Amazon Basin, a program of the Biodiversity Funders Group	85,000
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Name and address (home or business)				
a <i>Paid during the year</i>				
Cornell UniversityPO Box 22 Ithaca, NY 14851	N/A	PC	In support of the fourth annual Summer School on Emergent Phenomena in Quantum Materials at Cornell University, which will bring experts in the field of strongly correlated quantum materials to interact with students and postdocs	12,000
Council for the Advancement of Science Writing PO Box 910 Hedgesville, WV 25427	N/A	PC	To support ScienceWriters2019	25,000
Council on Foundations Inc 1255 23rd Street NW Suite 200 Washington, DC 20037	N/A	PC	In support of general operations	25,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
C-TAC Innovations Inc 1299 Pennsylvania Avenue NW Suite Washington, DC 54601	N/A	PC	In support of Respecting Choices 2018 National Summit, to be held October 23-26, 2018 in Bloomington, MN	10,000
Donorschoose Org 134 West 37th Street Floor 11 New York, NY 10018	N/A	PC	In support of general operations	100
Duke UniversityPO Box 90600 Durham, NC 27708	N/A	PC	To support the Women's tennis locker room project	20,000
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Name and address (home or business)				
a <i>Paid during the year</i>				
Earth Innovation Institute 98 Battery Street Suite 250 San Francisco, CA 94111	N/A	PC	To support the Indigenous Peoples and Local Communities Working Group of the Governors' Climate and Forests Task Force to strengthen collaboration between subnational governments and indigenous and community organizations around low emissions rural development strategies through outreach and engagement leading up to and during the California Global Climate Action Summit to be held September 2018	25,000
EASEL Animal Rescue League 4 Jake Garzio Drive Ewing, NJ 08628	N/A	PC	In support of general operations	100
Ecumenical Hunger Program 2411 Pulgas Avenue East Palo Alto, CA 94303	N/A	PC	In support of general operations	25,000
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Environmental and Energy Study Institute 1020 19th Street NW Suite 650 Washington, DC 20036	N/A	PC	In support of general operations	15,000
Environmental Grantmakers Association 475 Riverside Drive Suite 960 New York, NY 10115	N/A	PC	In support of general operations	90,000
Envision Excellence in STEM Education 2108 Lamberton Road Cleveland Heights, OH 44118	N/A	PC	To provide support to the STEM Funders Network	10,000
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Families USA Foundation Inc 1225 New York Avenue NW Suite 800 Washington, DC 20005	N/A	PC	In support of Families USA Health Action Conference 2019 to be held January 24-26, 2019 in Washington, DC	10,000
Family Caregiver Alliance 101 Montgomery Street Suite 2150 San Francisco, CA 94104	N/A	PC	In support of efforts to provide caregiver services	25,000
Federation Mondiale des Journalistes Scientifiques 1124 rue Marie-Anne Est I Suite 33 Montreal, QC H2J 2B7 CA	N/A	PC	To support the 2019 annual conference	50,000
Total ▶ 3a				300,499,916

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<div>Name and address (home or business)</div>				
a <i>Paid during the year</i>				
Federation of American Scientists 1112 16th Street NW Washington, DC 20036	N/A	PC	In support of general operations	15,000
Fidelity Investments Charitable Gift Fund 100 Crosby Parkway Mail Zone KC1D- Covington, KY 410159325	N/A	PC	To support a donor advised fund, requested by an employee or board member as part of a matching gift or service recognition program	100,000
FORCE11PO Box 13645 La Jolla, CA 92039	N/A	PC	In support of the FORCE11 2018 Conference (Oct 11-12 2018, Montreal) to be held at McGill University, which brings together researchers, librarians, and funders to address topics such as transparency in research workflows, the importance of effective communication both within and beyond academia, and visualization of science and scholarship Contribution funds will go towards conference activities and funding travel support from low income countries	10,000
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a <i>Paid during the year</i>				
Foundation Center32 Old Slip 24th Floor New York, NY 100053500	N/A	PC	In support of general operations	50,000
Foundation Financial Officers Group Inc 19 Mantua Road Mt Royal, NJ 08061	N/A	PC	In support of general operations	2,400
Foundations of Success Inc 4109 Maryland Avenue Bethesda, MD 20816	N/A	PC	In support of general operations for the Conservation Measures Partnership	2,500
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a <i>Paid during the year</i>				
Foundations of Success Inc 4109 Maryland Avenue Bethesda, MD 20816	N/A	PC	In support of convening and facilitating an expert group who will design theories of change and results chains for jurisdictional approaches to agriculture commodity sustainability	50,000
Fresh Approach 5060 Commercial Circle Suite C Concord, CA 94520	N/A	PC	In support of Collective Roots Program East Palo Alto	25,000
Fresh Approach 5060 Commercial Circle Suite C Concord, CA 94520	N/A	PC	In support of general operations within Santa Clara and San Mateo counties	25,000
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Friends of Deer Hollow Farm PO Box 4282 Mountain View, CA 94040	N/A	PC	In support of general operations	25,000
Geochemical Society 5241 Broad Branch Road NW Washington, DC 200151305	N/A	PC	In support of the 2018 Goldschmidt conference to be held on August 12-17, 2018 in Boston, MA	7,500
German National Academy of Sciences Leopoldina Jagerberg 1 06108 Halle Saale GM	N/A	PC	To provide support for Global Young Academy scholar travel	25,000
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Giffords Law Center to Prevent Gun Violence 268 Bush Street 555 San Francisco, CA 94104	N/A	PC	In support of general operations	100
Global Sticky Network Inc 1805 Glenwood Lane Newport Beach, CA 92660	N/A	PC	In support of pastoral scholarships	1,000
GMTO Corporation 465 N Halstead Street Suite 250 Pasadena, CA 91107	N/A	PC	In support of the Giant Magellan Telescope/Thirty Meter Telescope reception at the January 2019 American Astronomical Society meeting and other activities related to US-Extremely Large Telescopes	10,000
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Golden Gate National Parks Conservancy Building 201 Fort Mason San Francisco, CA 94123	N/A	PC	In support of general operations	2,000
Golden Gate National Parks Conservancy Building 201 Fort Mason San Francisco, CA 94123	N/A	PC	In support of the One Tam initiative	500
Grantmakers for Effective Organizations 1310 L Street NW Suite 650 Washington, DC 20005	N/A	PC	In support of general operations	18,000
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a <i>Paid during the year</i>				
Grantmakers in Aging Inc 2001 Jefferson Davis Highway Suite Arlington, VA 22202	N/A	PC	To support the activities of the End of Life/Serious Illness Funders Group	50,000
Grantmakers In Health 1100 Connecticut Avenue NW Suite 1 Washington, DC 20036	N/A	PC	In support of general operations	16,100
Guidestar USA Inc 4801 Courthouse Street Suite 220 Williamsburg, VA 23188	N/A	PC	In support of general operations	50,000
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a <i>Paid during the year</i>				
Habitat for Humanity International Inc 500 Washington Street Suite 250 San Francisco, CA 94111	N/A	PC	In support of the Developments Program for development in Marin County	1,500
Heal ProjectPO Box 3051 Half Moon Bay, CA 94019	N/A	PC	In support of the Intensive Garden Program	25,000
Heal the Ocean1430 Chapala Street Santa Barbara, CA 93101	N/A	PC	In support of general operations	500
Total ▶ 3a				300,499,916

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Heart of the Redwoods Community Hospice 464 Maple Lane Garberville, CA 95542	N/A	PC	To support general operations in memory of Mary Kate Billinger	1,000
Heart of the Redwoods Community Hospice 464 Maple Lane Garberville, CA 95542	N/A	PC	In support of general operations	100
Holy Cross Church10651 County Road 8 Kimball, MN 55353	N/A	PC	To support the Building and Maintenance Fund in memory of James J Kunkel	500
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Holy Ghost Church417 Carlton Avenue Bethlehem, PA 18015	N/A	PC	To support general operations, in honor of Herman and Rosina Bierbaum	500
Hopewell Fund 1202 Connecticut Avenue NW Suite 30 Washington, DC 20036	N/A	PC	In support of the Data Science Leadership Meeting in Park City, UT on October 12-13, 2018, to convene leaders of academic data science programs across the country	50,000
Hospital Quality Institute 1215 K Street Suite 800 Sacramento, CA 95814	N/A	PC	In support of Hospital Quality Institute's 2018 Annual Conference to be held October 28-30, 2018 in Huntington Beach, CA	10,000
Total ► 3a				300,499,916

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Humane Society International 1255 23rd Street NW Suite 450 Washington, DC 20037	N/A	PC	In support of general operations	100
Independent Sector 1602 L Street NW Suite 900 Washington, DC 20036	N/A	PC	In support of general operations	25,000
InquireFirst c/o 2900 Fourth Avenue No 101 San Diego, CA 92103	N/A	PC	For training on environment, energy and Earth sciences for Latin American reporters	10,000
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
Institute for Healthcare Improvement 53 State Street 19th Floor Boston, MA 02109	N/A	PC	In support of the 2018 Patient Safety Congress to be held in May 2018 in Boston, MA	10,000
Institute for Safe Medication Practices 200 Lakeside Drive Suite 200 Horsham, PA 19044	N/A	PC	In support of the 2018 Institute for Safe Medication Practices Annual Cheers Awards Dinner in Anaheim, CA on December 4, 2018	15,000
Institute for Strategic and Equitable Development PO Box 143 Bennettsville, SC 29512	N/A	PC	To provide support for leadership development efforts	25,000
Total ▶ 3a				300,499,916

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Institute of Electrical and Electronics Engineers 445 Hoes Lane Piscataway, NJ 08854	N/A	PC	In support of the 18th Advanced Accelerator Concepts Workshop, which will take place on August 12-17, 2018 in Breckenridge, Colorado. This contribution will support the conference with A/V equipment, pay for administrative conference management support, and support students to attend the workshop.	15,000
Institute of the North 715 L Street Suite 300 Anchorage, AK 99501	N/A	PC	To support a convening of youth to discuss resilience of Alaska's ecosystems and communities in a changing climate.	10,000
Instituto de Pesquisa Ambiental da Amazonia Avenida Nazare 669 Belem, PA 66035-170 BR	N/A	PC	To create public awareness on the importance of the Amazon and the challenges it faces through a documentary showing the TransAmazon+25 bike expedition.	10,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Instituto do Homem e Meio Ambiente da Amazonia Rua Domingos Marreiros 2020 Belem, PA 66060-160 BR	N/A	PC	To support the conceptual development of the Amazon Third Way Initiative, a disruptive social and technological transformation towards a sustainable Amazonian development path	33,000
Instituto Internacional de Educacao do Brasil SHIS QI 05 Bloco F sala 101 Brasilia, DF 71606-900 BR	N/A	PC	To support coordination among civil society working on the Cerrado biome in partnership with the Critical Ecosystems Partnership Fund to develop an agreed set of indicators to measure and monitor social, environmental and economic dimensions of sustainability	33,548
Instituto Socioambiental Avenida Higienopolis 901 Sao Paulo, SP 01238-001 BR	N/A	PC	To support an event on the importance of Chico Mendes for the socio-environmental movement in Brazil on the 30-year anniversary of his assassination	10,000
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Instituto Socioambiental Avenida Higienopolis 901 Sao Paulo, SP 01238-001 BR	N/A	PC	To support a symposium on the use of legal and technological tools for the defense and management of indigenous territories at the XVI Congress of the International Society of Ethnobiology to be held in Belem, Brazil in August 2018	5,000
Instituto Socioambiental Avenida Higienopolis 901 Sao Paulo, SP 01238-001 BR	N/A	PC	To support Acampamento Terra Livre, an event which brings together indigenous organizations and groups from all over Brazil to provide a platform for them to discuss their fundamental rights and issues they face as indigenous peoples	20,000
Interior Alaska Land TrustPO Box 84169 Fairbanks, AK 99708	N/A	PC	In support of general operations	1,000
Total ► 3a				300,499,916

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International Society for Microbial Ecology PO Box 40 Heteren NL	N/A	PC	In support of the 17th International Symposium on Microbial Ecology to be held in August 2018 in Leipzig, Germany	18,500
International Union for Conservation of Nature 28 rue Mauverney Gland, VAUD 1196 SZ	N/A	GOV	In support of the identification of future priority conservation landscapes	10,000
J Craig Venter Institute Inc 5 Research Place Rockville, MD 20850	N/A	PC	In support of the 2nd Plankton Planet International Workshop on Citizen Sailing Oceanography 20, to be held July 18-20, 2018, at Scripps Institution of Oceanography in La Jolla, CA	5,000
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a <i>Paid during the year</i>				
Joint Venture Silicon Valley Network 100 W San Fernando Street Suite 31 San Jose, CA 95113	N/A	PC	In support of Silicon Valley Food Rescue	25,000
Karen Ann Quinlan Center of Hope Hospice 99 Sparta Avenue Newton, NJ 07860	N/A	PC	To support the Karen Ann Quinlan Memorial Foundation in memory of Janet S Bryant	1,000
Kawerak Inc500 504 Seppala Drive Nome, AK 99762	N/A	PC	To support the Caleb Scholars Program	1,000
Total ▶ 3a				300,499,916

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Kawerak Inc500 504 Seppala Drive Nome, AK 99762	N/A	PC	In support of general operations	10,000
KQED Inc2601 Mariposa Street San Francisco, CA 94110	N/A	PC	In support of general operations	100
Latino Community Foundation 235 Montgomery Street Suite 1160 San Francisco, CA 94104	N/A	PC	In support of general operations	100
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Lava Mae1015 Fillmore Street 379 San Francisco, CA 94110	N/A	PC	In support of general operations	500
Living ClassroomPO Box 28405 San Jose, CA 95159	N/A	PC	In support of general operations	25,000
Loaves & Fishes Family Kitchen 1534 Berger Drive San Jose, CA 95112	N/A	PC	In support of general operations	25,000
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Name and address (home or business)				
a <i>Paid during the year</i>				
Lown Institute Inc21 Longwood Avenue Brookline, MA 02446	N/A	PC	In support of the 2018 Lown Institute Annual Conference Breaking the Cycle of High Cost and Low Value, America's Next Health System, to be held April 9-10, 2018 in Washington, DC	15,000
Lucile Packard Foundation for Childrens Health 400 Hamilton Avenue Suite 340 Palo Alto, CA 94301	N/A	PC	In support of general operations	10,000
Manhattan Institute for Policy Research 52 Vanderbilt Avenue New York, NY 10017	N/A	PC	In support of general operations	1,000
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Marine Conservation Biology Institute 4010 Stone Way N Suite 210 Seattle, WA 98103	N/A	PC	In support of the identification of future priority conservation landscapes	10,000
Martha's Kitchen311 Willow Street San Jose, CA 95110	N/A	PC	In support of general operations in Santa Clara and San Mateo counties	25,000
Massachusetts Institute of Technology 77 Massachusetts Avenue Room 1-290 Cambridge, MA 021394307	N/A	PC	To support the research of Desiree Plata	25,000
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
Mathematical Sciences Research 17 Gauss Way Berkeley, CA 94720	N/A	PC	In support of the 2019 National Math Festival, an event that aims to increase the public's appreciation for and enjoyment of mathematics, to make more accessible key mathematical ideas and issues, to bring clarity to public debate about current issues in mathematics education, and to feature critical applications of basic science	50,000
Max Planck Society for the Advancement of Science Celsiusstrasse 1 BREMEN D-28359 GM	N/A	PC	In support of the 5th International Symposium on Microbial Sulfur Metabolism to be held in Vienna, Austria from April 16-18, 2018	7,500
Milpitas Food Pantry 1440 South Main Street Milpitas, CA 95035	N/A	PC	In support of general operations	25,000
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a <i>Paid during the year</i>				
Mission Investors Exchange Inc 107 Spring Street Seattle, WA 98104	N/A	PC	In support of general operations	7,500
Monterey Bay Aquarium Foundation 886 Cannery Row Monterey, CA 93940	N/A	PC	In support of the Packard Award Gala	100,000
National Academy of Engineering Fund 2101 Constitution Avenue NW Washington, DC 20418	N/A	PC	In support of general operations	10,000
Total ▶ 3a				300,499,916

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National Academy of Sciences 500 5th Street NW Keck 1057 Washington, DC 20001	N/A	PC	To support the Beebe Symposium, which provides an open forum for a national discussion on the need for a long-term strategy to guide a low-dose radiation research program in the United States	20,000
National Academy of Sciences 500 5th Street NW Keck 1057 Washington, DC 20001	N/A	PC	To provide support for the National Academy of Medicine for expenses associated with hosting Changing the Face of STEM, A Transformational Journey at the National Academy of Sciences in Washington, D C	11,299
National Alliance for Caregiving 4720 Montgomery Lane Suite 205 Bethesda, MD 20814	N/A	PC	For efforts to support family caregivers	25,000
Total ► 3a				300,499,916

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National Association of Academies of Science 2224 204th Avenue Donnellson, IA 52625	N/A	PC	In support of the American Junior Academy of Sciences' participation at the 2019 AAAS meeting	10,940
National Association of Academies of Science 2224 204th Avenue Donnellson, IA 52625	N/A	PC	In support of a National Program to help pre-college students participate in the American Junior Academy of Science Research Program at the AAAS meetings in Austin, TX Participating students will share original research, attend conference programming and networking events with professional scientists	15,000
National Association of Medicaid Directors 444 N Capitol Street NW Suite 524 Washington, DC 20001	N/A	PC	To support a leadership development program	50,000
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
National Audubon Society Inc 431 West 7th Avenue Suite 101 Anchorage, AK 99501	N/A	PC	In support of general operations	1,500
National Center for Missing and Exploited Children 699 Prince Street Alexandria, VA 22314	N/A	PC	In support of general operations	500
National Committee for Responsive Philanthropy 1900 L Street NW Suite 825 Washington, DC 20036	N/A	PC	In support of general operations	20,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
National Marine Sanctuary Foundation 8601 Georgia Avenue Suite 510 Silver Spring, MD 20910	N/A	PC	To support the Capitol Hill Ocean Week conference	30,000
National Quality Forum 1030 15th Street NW Suite 800 Washington, DC 20005	N/A	PC	In support of general operations	12,500
National Teen Leadership Program Inc 101 Parkshore Drive Folsom, CA 95630	N/A	PC	In support of general operations	1,000
Total ▶ 3a				300,499,916

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Native Village of Selawik 59 North Tundra Street Selawik, AK 99770	N/A	GOV	To support culture camp	500
Nature Conservancy 715 L Street Suite 100 Anchorage, AK 99501	N/A	PC	To support general operations in honor of Fran Ulmer	1,000
Nature Conservancy 4245 North Fairfax Drive Suite 100 Arlington, VA 222031606	N/A	PC	To support The Nature Conservancy's participation in the International Conference on Sustainable Infrastructure to be held in Lima, Peru in November 2018	5,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
New Venture Fund 1201 Connecticut Avenue NW Suite 3 Washington, DC 20036	N/A	PC	To support the Native Village of Igiugig	1,000
New Venture Fund 1201 Connecticut Avenue NW Suite 3 Washington, DC 20036	N/A	PC	To provide support for the Open Research Funders Group	20,000
New Venture Fund 1201 Connecticut Avenue NW Suite 3 Washington, DC 20036	N/A	PC	To provide 2018 support for the Global Alliance for the Future of Food project	100,000
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North Peninsula Food Pantry & Dining Center of Dal PO Box 280 Daly City, CA 940160280	N/A	PC	In support of general operations	25,000
Northern California Grantmakers 160 Spear Street Suite 360 San Francisco, CA 94105	N/A	PC	In support of general operations	17,500
NumFOCUS IncPO Box 90596 Austin, TX 78709	N/A	PC	In support of NumFocus travel awards for the attendance of scientific computing conferences Events such as the the 2018 IEEE eScience Conference will bring together leading researchers to explore digital technologies to help advance research in multiple fields Funds will go towards providing travel scholarships for increasing the diversity of participants	12,500
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NumFOCUS IncPO Box 90596 Austin, TX 78709	N/A	PC	In support of diversity initiatives at JuliaCon to be held August 7-11, 2018 in London, UK The funds from this contribution will be used towards travel scholarships and registration scholarships for underrepresented groups in computing as a function of their gender, race/ethnicity, late entry to CS, or citizenship in a developing country	13,000
Oakland Elizabeth HousePO Box 1175 Berkeley, CA 94704	N/A	PC	In support of general operations	500
Ocean Awareness Project Inc 1530 P Street NW Washington, DC 20005	N/A	PC	To support the Ocean March in conjunction with Capitol Hill Ocean Week	10,000
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Ocean Conservancy Inc 1300 19th Street NW 8th Floor Washington, DC 20036	N/A	PC	In support of general operations	60,000
One Health PlatformZevensterstraat 1 Laarne 9270 BE	N/A	PC	In support of general operations	31,500
Open Notebook Inc1314 Vilas Avenue Madison, WI 53715	N/A	PC	To support skill-building among science writers	25,000
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Optical Society of America Inc 2010 Massachusetts Avenue Washington, DC 20036	N/A	PC	In support of the Optical Society Incubator Meeting (Metamaterial Films for In-Space Propulsion by Radiation Pressure) to be held on October 7-9, 2018 in Washington D C	10,000
Oregon Health and Science University Foundation 1121 SW Salmon Street 100 Portland, OR 97205	N/A	PC	In support of the I-CAN OHSU Interprofessional Care Access Network, and the Bridges Collaborative Care Clinic	100,000
Oregon State University 200 LaSells Stewart Center Corvallis, OR 97331	N/A	GOV	In support of the 9th International Symbiosis Society Congress Meeting to be held July 15-20, 2018 in Corvallis, OR	10,000
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Organization for Tropical Studies Inc 401 Swift Avenue Box 90630 Durham, NC 27705	N/A	PC	To support planning for the next phase of tropical studies student training in the context of biodiversity conservation	50,000
Outer CoastPO Box 6573 Sitka, AK 99835	N/A	PC	In support of general operations	1,000
Partnership for Public Service Inc 1100 New York Avenue NW Suite 200 Washington, DC 20005	N/A	PC	To support a second cohort for the innovation course offering	35,172
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Peak Grantmaking Inc 1666 K Street NW Suite 440 Washington, DC 20006	N/A	PC	In support of general operations	20,000
Peninsula Food Runners Inc PO Box 460612 San Francisco, CA 94146	N/A	PC	In support of general operations	25,000
Philanthropy Roundtable 1120 20th Street NW Suite 550 Sout Washington, DC 20036	N/A	PC	In support of general operations	20,000
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Phycological Society of America Inc 163 Brooks Hall Mt Pleasant, MI 48859	N/A	PC	In support of the 2018 Phycology Society of America/International Society of Protistologists meeting to be held July 29-August 2, 2018 in Vancouver, British Columbia, Canada	10,000
Pie RanchPO Box 363 Pescadero, CA 94060	N/A	PC	In support of general operations	25,000
Point Reyes Bird Observatory 3820 Cypress Drive 11 Petaluma, CA 94954	N/A	PC	In support of the identification of future priority conservation landscapes	10,000
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Point Reyes National Seashore Association 1 Bear Valley Road Point Reyes, CA 94956	N/A	PC	In support of a comprehensive monitoring program that will evaluate the health and functionality associated with its Giacomini Wetland Restoration Project, a large tidal wetland system that was previously restored with Foundation support	20,000
PROFONANPE - Fondo de Promocion de las Areas Natur Avenida Javier Prado Oeste 2378 Lima 27 PE	N/A	PC	To improve the online management system that will provide information about the technical and financial implementation of Peru's Natural Legacy, a multi-donor fund that leverages Government of Peru resources for the long-term management of Peru's Amazonian national protected areas (covering 16 7 million hectares)	30,000
Project Hope the People to People Health Fdn 7500 Old Georgetown Road Suite 600 Bethesda, MD 208146133	N/A	PC	In support of strategic planning efforts	50,000
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Puente De La Costa SurPO Box 554 Pescadero, CA 94060	N/A	PC	In support of general operations	500
Pulse of N Y IncPO Box 353 Wantagh, NY 117930353	N/A	PC	In support of Pulse Center for Patient Safety, Education and Advocacy 2018 Patient Safety Education Spring Symposium, May 4, 2018 in Hauppauge, LI NY	10,000
Refugee and Immigrant Center for Education 1305 N Flores Street San Antonio, TX 78212	N/A	PC	In support of general operations	100
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Regents of the University of California 56-125B Engineering IV Building 420 Los Angeles, CA 900951594	N/A	GOV	To support the research of Sam Emaminejad	25,000
Regents of the University of California 1447 Boyce Hall Riverside, CA 92521	N/A	GOV	To support the research of Dr Holly Bik	20,000
Regents of the University of California One Shields Avenue Davis, CA 95616	N/A	GOV	In support of funds functioning as an endowment to be used at the director's discretion for the Center for Equine Health	20,000
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Regents of the University of California Office of the President 415 20th St Oakland, CA 94612	N/A	GOV	In support of the Dat in the Lab Stakeholder Meeting in Berkeley, CA on September 19th, 2018, to convene those involved in the Dat in the Lab project	3,000
Regents of the University of California Office of the President 415 20th St Oakland, CA 94612	N/A	GOV	In support of a community-driven conference in Portland, OR on May 8-9, 2019 to inform and develop best practices in data-driven research	30,000
Regents of the University of California One Shields Avenue Davis, CA 95616	N/A	GOV	In support of the 13th European Nitrogen Fixation Conference, to be held August 18-21, 2018, in Stockholm, Sweden	10,000
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Regents of the University of California One Shields Avenue Davis, CA 95616	N/A	GOV	In support of the 2018 West Coast Bacterial Physiologists Meeting to be held in Asilomar, CA on December 14-16, 2018	8,000
Regents of the University of California 735 State Street Suite 300 Santa Barbara, CA 93101	N/A	GOV	In support of the identification of future priority conservation landscapes	10,000
Regents of the University of California 1 Centennial Drive Berkeley, CA 947205200	N/A	GOV	In support of the final renovation and equipment purchase for Inventors Lab and classroom	25,000
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Regents of the University of California 5200 North Lake Road Merced, CA 95343	N/A	GOV	To support the research of Yue Wang	25,000
Regents of the University of Michigan Dana Building 440 Church Street Ann Arbor, MI 481091041	N/A	GOV	To support the Dean's Engineering Sustainable Systems Fellowship	10,000
Regents of the University of Michigan Dana Building 440 Church Street Ann Arbor, MI 481091041	N/A	GOV	To support the Rosina M Bierbaum Award in Climate Adaptation and Mitigation	10,000
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Regents of the University of Michigan Dana Building 440 Church Street Ann Arbor, MI 481091041	N/A	GOV	In general support for PhD students	10,000
Resolve Inc 1255 23rd Street NW Suite 275 Washington DC, DC 20037	N/A	PC	In support of the identification of future priority conservation landscapes	10,000
Riekes Center for Human Enhancement 3455 Edison Way Menlo Park, CA 94025	N/A	PC	To support scholarships and general operations	10,000
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Rutgers University Foundation 7 College Avenue-Winants Hall New Brunswick, NJ 089011261	N/A	PC	In support of a two-week workshop, which will bring together experts, including theoretical and experimental physicists working on emergent quantum materials, to discuss and review the major unsolved problems in the field, focusing on novel phases, strange metals and quantum criticality and the influence of topology on correlated electron materials	10,000
San Diego Regional Healthcare Information Exchange 5575 Ruffin Road Suite 240 San Diego, CA 92123	N/A	PC	In support of San Diego Health Connect	15,000
Save the Redwoods League 111 Sutter Street 11th Floor San Francisco, CA 94104	N/A	PC	In support of general operations	5,000
Total ► 3a				300,499,916

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Save the Waves Coalition PO Box 183 3500 Highway One Davenport, CA 95017	N/A	PC	To support the Save the Waves 5th Global Wave Conference, to be held March 7-8, 2018 in Santa Cruz, CA	25,000
Scientific Committee on Oceanic Research 222 S Chapel Street 111 Robinson Newark, DE 19716	N/A	PC	In support of the 2018 Margalef Summer Colloquium, Ecology and Evolution through the lens of new omics approaches, to be held in Barcelona, Spain on July 3-12, 2018	7,500
Second Harvest Food Bank of Santa Clara 750 Curtner Avenue San Jose, CA 951252118	N/A	PC	In support of the Kids N O W Program	50,000
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a <i>Paid during the year</i>				
Serbs for SerbsPO Box 34206 Chicago, IL 60634	N/A	PC	To support general operations in memory of Bosiljka Pejakovic	1,000
Smithsonian Institution625 C Street Anchorage, AK 99501	N/A	PC	To support the Arctic Studies Research Center	500
Society for Conservation Biology 1133 15th Street NW Suite 300 Washington, DC 20005	N/A	PC	To support the 5th International Marine Conservation Congress to be held June 24-29, 2018 in Kuching, Sawarak	25,000
Total ► 3a				300,499,916

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Society for Medical Decision Making Inc 390 Amwell Road Suite 402 Hillsborough, NJ 08844	N/A	PC	To support a short course and sponsor the keynote speaker for the 2018 Annual North American Meeting	20,000
Society of Environmental Journalists PO Box 2492 Jenkintown, PA 19046	N/A	PC	To support evidence-based science journalism about conservation and other environmental priorities in the U S and around the world, through the Society of Environmental Journalists' 2019 and 2020 annual conferences and Fund for Environmental Journalism	100,000
Society to Improve Diagnosis in Medicine Inc 1501 Hinman Avenue Evanston, IL 60201	N/A	PC	In support of general operations	10,000
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a <i>Paid during the year</i>				
St Anne Catholic Church 1015 SE 182nd Avenue Portland, OR 97233	N/A	PC	For general support in memory of James J Kunkel	500
Strategic Education Research Partnership Institute 1100 Connecticut Avenue NW Suite 1 Washington, DC 20036	N/A	PC	To support general operations with chemistry course as a priority	100,000
Sunrise Horse RescuePO Box 143 Saint Helena, CA 94574	N/A	PC	To support general operations	20,000
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Supporters of Agricultural Research Foundation 1235 S Clark Street Street 510 Arlington, VA 22202	N/A	PC	To provide support to disseminate and promote the Breakthroughs 2030 report, in coordination with the National Academies of Sciences, Engineering, and Medicine	75,000
Sustainable Community Gardens 1055 Dunford Way Sunnyvale, CA 94087	N/A	PC	In support of general operations	25,000
Sustainable Conservation 98 Battery Street Suite 302 San Francisco, CA 94111	N/A	PC	To support simplified permits from necessary state and federal regulatory agencies for habitat restoration projects	15,500
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Tahoe Maritime Museum Inc 401 West Lake Boulevard Tahoe City, CA 96145	N/A	PC	In support of general operations	10,000
Team4tech Foundation 2955 Campus Drive 110 GSV Labs San Mateo, CA 94403	N/A	PC	In support of general operations	3,000
The Aspen Institute Inc 2300 N Street NW Suite 700 Washington, DC 20037	N/A	PC	To provide support for the screening of Science Fair at the Aspen Institute's Spotlight Health 2018	10,000
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The Board of Trustees - Leland Stanford Jr Univ 2575 Sand Hill Road Menlo Park, CA 94025	N/A	PC	In support of US participation at the workshop which will explore the unique physics opportunities of combining intense ultrafast lasers with ultrarelativistic electron beams from a linear accelerator and put them in context with other world-wide efforts to study strong-field quantum electrodynamics	10,000
The Board of Trustees - Leland Stanford Jr Univ 326 Galvez Street Stanford, CA 943056055	N/A	PC	For the Stanford University Precourt Institute for Energy to launch the Stanford Global Energy Forum, which will explore the challenges of the rapidly changing worldwide energy ecosystem and address critical energy topics	25,000
The Board of Trustees - Leland Stanford Jr Univ 300 Pasteur Drive Stanford, CA 94305	N/A	PC	To support the research of Raag Aïran	25,000
Total ▶ 3a				300,499,916

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<div>Name and address (home or business)</div>				
a <i>Paid during the year</i>				
The Board of Trustees - Leland Stanford Jr Univ 2575 Sand Hill Road Menlo Park, CA 94025	N/A	PC	In support fo the Ultrafast X-ray Summer Seminar 2018 to provide travel scholarships to a number of UXSS students, encouraging participation from a wider range of students and enabling those who might not otherwise have the financial ability to attend	10,000
The Board of Trustees - Leland Stanford Jr Univ Varian Physics Building 382 Via Pu Stanford, CA 943054060	N/A	PC	In support of the AharonFest conference in honor of Professor Aharon Kapitulnik as he turns 65, which will assemble leading scientists in the field of quantum materials to be held from September 13-15, 2018 in Stanford, CA	27,500
The Board of Trustees of the Univ of Illinois 1901 S First Street Suite A Champaign, IL 61820	N/A	GOV	In support of a symposium dedicated to the memory of Professor David Pines, focusing on various aspects of superconductivity, to be held March 29-30, 2019	22,000
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
The Branson SchoolPO Box 887 Ross, CA 94957	N/A	PC	In support of general oprations	10,000
The Branson SchoolPO Box 887 Ross, CA 94957	N/A	PC	In support of the Annual Fund	5,000
The ExploratoriumPier 17 Suite 100 San Francisco, CA 94111	N/A	PC	In support of the Annual Gala and the Endowment	50,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
The Health Trust 3180 Newberry Drive Suite 200 San Jose, CA 95118	N/A	PC	In support of general operations	25,000
This is My Earth Inc 125 Maiden Lane Suite 8B New York, NY 10038	N/A	PC	To support efforts to protect the 2,800 hectares of the Sun Angel's Garden tract in Peru	12,000
Thunderbird Lodge Preservation Society 316 California Avenue Suite 36 Reno, NV 89509	N/A	PC	In support of general oprations	20,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Tides Canada Initiatives Society 400-163 Hastings Street Vancouver, BC V6B 1H5 CA	N/A	PC	To support the efforts of the Arctic Funders Collaborative's Secretariat to coordinate convenings of Arctic funders, strengthen corporate understanding of each funder's priorities and strategies, and broaden the tent of Arctic funders	25,000
Tides Center PO Box 170427 San Francisco, CA 94117	N/A	PC	In support of the Homeless Youth Alliance	100
Trust for Public Land 101 Montgomery Street Suite 900 San Francisco, CA 94104	N/A	PC	To support restoration planning for a critical portion of the Lagunitas watershed in Marin County	50,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Trust for Public Land 101 Montgomery Street Suite 900 San Francisco, CA 94104	N/A	PC	To support general operations	10,000
Trustees of Columbia University in the City of NY 500 West 120th Street 524 Mudd Bui New York, NY 10027	N/A	PC	In support of a national summit to convene leaders of university based data science initiatives for discussions around advancing this new practice and discipline within academic research	15,000
Trustees of Princeton University One Washington Road Princeton, NJ 085442098	N/A	PC	In support of general operations	20,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Trustees of Princeton University Jadwin Hall Washington Road Princeton, NJ 08540	N/A	PC	In support of a conference in honor of Professor Nai-Phuan Ong, focusing on topics in the field of strongly correlated materials, to be held April 25-28, 2019	21,500
UC Santa Cruz Foundation 1156 High Street Santa Cruz, CA 95064	N/A	PC	In support of the 15th Deep-Sea Biology Symposium to be held in Monterey, California in September 2018	8,000
Union of Concerned Scientists Inc Two Brattle Square 6th Floor Cambridge, MA 02138	N/A	PC	In support of general operations	500
Total ► 3a				300,499,916

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United States Fund for Unicef 125 Maiden Lane New York, NY 10038	N/A	PC	In support of general operations	100
Universite de Sherbrooke 2500 boul de l'Universite Sherbrooke, QC J1K 2R1 CA	N/A	PC	In support of the two-week summer school which will focus on computational tools for both models and ab-initio methods that deal with so-called quantum materials whose spectacular properties are consequences of the non-trivial quantum mechanical nature of electrons and of their interactions	12,500
University of Arizona Foundation 1111 N Cherry Avenue Tucson, AZ 857210109	N/A	PC	In support of the College of Engineering, at the Dean's discretion	10,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
University of California Berkeley Foundation 1995 University Avenue Suite 401 Berkeley, CA 947041058	N/A	PC	In support of Cal Performances for the Matias Tarnopolski Fund and general operations	15,000
University of California Berkeley Foundation 1995 University Avenue Suite 401 Berkeley, CA 947041058	N/A	PC	In support of the Women's Faculty Club Campaign	10,000
University of California Berkeley Foundation 1995 University Avenue Suite 401 Berkeley, CA 947041058	N/A	PC	To support the academic programs of the University of California, Berkeley Dean of Biology	25,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
University of California Berkeley Foundation 1995 University Avenue Suite 401 Berkeley, CA 947041058	N/A	PC	In support of the Robert G Meyer Scholarship Fund	20,000
University of California San Francisco Foundation 220 Montgomery Street Suite 500 San Francisco, CA 94104	N/A	PC	In support of the Cardiology Council	15,000
University of California San Francisco Foundation 220 Montgomery Street Suite 500 San Francisco, CA 94104	N/A	PC	In support of the 2018 Bay Area Science Festival	12,500
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
University of Colorado Foundation 1380 Lawrence Street Suite 1325 Denver, CO 80204	N/A	PC	To support a convening of the Governors Climate and Forest Task Force's key stakeholders from the Brazilian Amazon and Cerrado to seek alignment around corporate deforestation commitments, producer and demand governments and bring forest to the forefront of the international climate dialogue This effort will be in conjunction with the Global Climate Action Summit being held in California	50,000
University of Exeter The University of Exeter Mail Room Exeter, DEVON EX4 4SB UK	N/A	PC	In support of the Royal Society Single Cell Ecology Meeting to be held in London, UK, December 10-13, 2018	10,000
University of Florida Foundation Inc 1938 W University Avenue Gainesville, FL 32603	N/A	PC	To produce material related to tools and approaches for stakeholder analysis for Amazon resource practitioners and project managers seeking to improve governance related to protected areas and infrastructure programs	12,000
Total ► 3a				300,499,916

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<div>Name and address (home or business)</div>				
a <i>Paid during the year</i>				
University of KentThe Registry Canterbury CT2 7NZ UK	N/A	PC	In support of the XXII Meeting of the International Society of Evolutionary Protistology to be held May 27-June 1, 2018 in Paphos, Cyprus	10,000
University of Maryland 1101 Main Administration 7901 Rege College Park, MD 20742	N/A	GOV	To plan a workshop that will review the current state of fire detection and monitoring and explore the potential of new technologies for early detection and response	50,000
University of Maryland College Park Foundation Inc 4603 Calvert Road College Park, MD 20740	N/A	PC	In support of the Machine Learning approaches for Quantum Materials workshop which will focus on exploring the current and future directions of machine learning approaches to the study of quantum materials, including emerging research practices, current support for such approaches, and ideas on how to proceed as a multidisciplinary community	20,000
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a <i>Paid during the year</i>				
University of Maryland College Park Foundation Inc 4603 Calvert Road College Park, MD 20740	N/A	PC	In support of the Fundamentals of Quantum Materials Winter School and Workshop, which will bring together senior and junior scientists to address topics at the forefront of current research into quantum materials and material synthesis, while also providing pedagogical background and practical training for junior scientists	5,000
University of Maryland College Park Foundation Inc 4603 Calvert Road College Park, MD 20740	N/A	PC	In support of the third Fundamentals of Quantum Materials Winter School and Workshop, which will bring together senior and junior scientists to address topics at the forefront of current research into quantum materials and material synthesis, while also providing pedagogical background and practical training for junior scientists	30,000
University of Maryland College Park Foundation Inc 4603 Calvert Road College Park, MD 20740	N/A	PC	To support the School of Public Policy Dean's Fund	15,000
Total			▶ 3a	300,499,916

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a <i>Paid during the year</i>				
University of Minnesota Foundation 200 Oak Street SE Suite 500 Minneapolis, MN 55455	N/A	PC	To support the Correlated Electron Systems Novel Developments workshop, which will cover novel experimental and theoretical developments in the field of correlated electron systems with the goal of bringing together leading experts in the study of the cuprate and Fe-based superconductors, titanates, nickelates, and other systems	10,000
University of Minnesota Foundation 200 Oak Street SE Suite 500 Minneapolis, MN 55455	N/A	PC	In support of the LEES 2018 conference, which will be a forum for interdisciplinary research on low-energy electrodynamics in solids and in exotic condensed phases	12,000
UWM Foundation Inc 1440 E North Avenue Milwaukee, WI 53202	N/A	PC	In support of the First International Conference on Marine Flavobacteria to be held in Corsica, France, June 3-8, 2018	7,500
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a <i>Paid during the year</i>				
Valley Verde376 W Virginia Street San Jose, CA 95125	N/A	PC	In support of general operations	25,000
Vanderbilt University 131 21st Avenue South Nashville, TN 372031181	N/A	PC	To support the Justice-Moore Family Scholarship	100,000
Veggielution647 S King Road San Jose, CA 95116	N/A	PC	In support of general operations	25,000
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Village Harvest CorporationPO Box 9231 San Jose, CA 95157	N/A	PC	In support of general operations	25,000
Washington State Health Care Authority 626 8th Avenue SE Olympia, WA 98501	N/A	GOV	In support of efforts to encourage the use of decision aids	50,000
Waterkeeper Alliance Inc 180 Maiden Lane Suite 603 New York, NY 10038	N/A	PC	In support of general operations	2,000
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
Waterkeeper Alliance Inc 180 Maiden Lane Suite 603 New York, NY 10038	N/A	PC	To support Project Osiris and general operations	30,000
Wesleyan University45 Wyllys Avenue Middletown, CT 06459	N/A	PC	To support financial aid	20,000
Wildlife Conservation Network Inc 209 Mississippi Street San Francisco, CA 94107	N/A	PC	In support of general operations	500
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Wildlife Conservation Network Inc 209 Mississippi Street San Francisco, CA 94107	N/A	PC	To support the annual Wildlife Conservation Expo and the annual Wildlife Conservation Workshops, which raise awareness for conservation programs in Latin American and beyond, and provide capacity-building trainings to biologists and conservationists	10,000
Wildlife Conservation Society 2300 Southern Boulevard Bronx, NY 10460	N/A	PC	In support of the identification of future priority conservation landscapes	10,000
Wildlife Conservation Society 2300 Southern Boulevard Bronx, NY 10460	N/A	PC	To support the AQUATROP meeting, an international conference designed to discuss the state and future of tropical and subtropical freshwater ecosystems, and to support the incorporation of Rainforest Expedition's Wired Amazon Project into the citizen science network	30,000
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a <i>Paid during the year</i>				
Wildlife Conservation Society 2300 Southern Boulevard Bronx, NY 10460	N/A	PC	In support of general operations	2,000
William Marsh Rice University PO Box 1892 Houston, TX 77251	N/A	PC	In support of a workshop at the Rice Center for Quantum Materials which will host both experimentalists and theorists to discuss prospects for bulk topological superconductivity, nodal topological superconductors, and proximitized surface states	10,000
William Marsh Rice University6100 Main Houston, TX 77005	N/A	PC	To support the research of Ashok Veeraraghavan	25,000
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a <i>Paid during the year</i>				
William Marsh Rice University 6100 Main MS-61 Houston, TX 770051827	N/A	PC	This contribution provides support for the 2018 Hangzhou Workshop on Quantum Matter, held October 8-10 in Hangzhou, China	7,500
Wonderfest47 Alta Way Corte Madera, CA 94925	N/A	PC	In support of the Science Envoy Program	7,000
Woods Hole Oceanographic Institution 266 Woods Hole Road Woods Hole, MA 025431052	N/A	PC	In support of a 2018 BioGEOTRACES workshop to be held November 8-10, 2018, in Woods Hole, MA	10,000
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World Wildlife Fund Canada 410 Adelaide Street West Toronto, ON M5V 1S8 CA	N/A	PC	To support communications training for staff	20,000
World Wildlife Fund Inc 1250 24th Street NW Washington, DC 20037	N/A	PC	In support of the identification of future priority conservation landscapes	10,000
World Wildlife Fund Inc 1250 24th Street NW Washington, DC 20037	N/A	PC	To support a convening to discuss and deliberate a strategy for curbing deforestation linked to beef and soy in the Chaco	9,300
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a <i>Paid during the year</i>				
World Wildlife Fund Inc 1250 24th Street NW Washington, DC 20037	N/A	PC	To support traceability for farmed shrimp supply chains	50,000
World Wildlife Fund Inc 1250 24th Street NW Washington, DC 20037	N/A	PC	To support a convening for the collaboration for forests and agriculture	15,260
Yale University Sage Hall 205 Prospect Street New Haven, CT 06511	N/A	PC	In support of the F&ES Annual Fund-Internships	100
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350 Org20 Jay Street Suite 732 Brooklyn, NY 11201	N/A	PC	In support of general operations	1,000
Achievement Rewards for College Scientists Fdn PO Box 29405 Presidio of San Francisco San Francisco, CA 94129	N/A	PC	In support of general operations	4,000
ACLU Foundation of Arizona PO Box 17148 Phoenix, AZ 85011	N/A	PC	In support of general operations	300
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Africa Education and Leadership Initiative Inc 1550 Centervue Crossing 107 Knoxville, TN 37932	N/A	PC	In support of general operations	100
Alianza Americas2875 W Cermak Road Chicago, IL 60623	N/A	PC	In support of general operations	300
Alonzo King Lines Ballet 26 Seventh Street 5th Floor San Francisco, CA 94103	N/A	PC	In support of general operations	200
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a <i>Paid during the year</i>				
Alzheimer's Disease and Related Disorders Assoc 225 North Michigan Avenue Suite 17 Chicago, IL 60601	N/A	PC	In support of general operations	1,000
American Academy of Arts and Sciences 136 Irving Street Cambridge, MA 02138	N/A	PC	In support of general operations	2,000
American Assoc for the Advancement of Science 1200 New York Avenue NW Washington, DC 20005	N/A	PC	To support Force for Science programs	4,000
Total ▶ 3a				300,499,916

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American Buddhist Cultural Society 1750 Van Ness Avenue San Francisco, CA 94109	N/A	PC	In support of general operations	200
American Civil Liberties Union Foundation Inc 125 Broad Street 18th Floor New York, NY 100042400	N/A	PC	In support of general operations	100
American Fund for Charities 2 Liberty Square Suite 500 Boston, MA 02109	N/A	PC	To support University of Toronto Schools	10,000
Total ► 3a				300,499,916

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American Heart Association Inc 7272 Greenville Avenue Dallas, TX 75231	N/A	PC	In support of general operations	1,100
American Heart Association Inc 7272 Greenville Avenue Dallas, TX 75231	N/A	PC	To support the 2018 Greater Bay Area Heart Walk	100
American Immigration Council 1331 G Street NW Suite 200 Washington, DC 20005	N/A	PC	In support of general operations	72
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
American National Red Cross 431 18th Street NW Washington, DC 20006	N/A	PC	In support of general operations	1,000
American Philosophical Society 104 S 5th Street Philadelphia, PA 19106	N/A	PC	In support of general operations	2,500
Animals Asia Foundation Limited 300 Broadway Suite 32 San Francisco, CA 94133	N/A	PC	In support of general operations	700
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AZ State University Fdn for A New American Univ PO Box 2260 Tempe, AZ 852802260	N/A	PC	In support of Arizona PBS	200
Arts Council of Mendocino County 309 East Perkins Street Ukiah, CA 95482	N/A	PC	In support of general operations	50
Asian Art Museum Foundation of San Francisco 200 Larkin Street San Francisco, CA 94112	N/A	PC	In support of general operations	16,668
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Auburn Automotive Heritage Inc 1600 South Wayne Street Auburn, IN 46706	N/A	PC	In support of general operations	2,000
B Nai Ha-AretzPO Box 1835 Redway, CA 95560	N/A	PC	In support of general operations	360
Bainbridge Performing Arts 200 Madison Avenue North Bainbridge Island, WA 98110	N/A	PC	In support of general operations	400
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Bay Area Open Space Council 2150 Allston Way Suite 320 Berkeley, CA 94704	N/A	PC	In support of general operations	500
Bay Area Rescue MissionPO Box 1112 Richmond, CA 948020112	N/A	PC	In support of general operations	150
Belmont-Redwood Shores Public School Foundation PO Box 5196 Belmont, CA 94002	N/A	PC	In support of general operations	4,600
Total ▶ 3a				300,499,916

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Beneficent Technology Inc 480 California Avenue Suite 201 Palo Alto, CA 94306	N/A	PC	To support Math Editor	500
Berkeley Athletic FundPO Box 11525 Berkeley, CA 94712	N/A	PC	To support boys' water polo	1,500
Berkeley East Bay Humane Society Inc 2700 Ninth Street Berkeley, CA 94710	N/A	PC	In support of general operations	80
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Best Buddies International Inc 100 Southeast 2nd Street Suite 220 Miami, FL 33131	N/A	PC	To support the Best Buddies Friendship Walk	50
Best Friends Animal Society 5001 Angel Canyon Road Kanab, UT 847415000	N/A	PC	In support of general operations	200
Big Brothers Big Sisters of the Bay Area 65 Battery Street Second Floor San Francisco, CA 94111	N/A	PC	In support of general operations	16,682
Total ▶ 3a				300,499,916

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a Paid during the year				
Biological Sciences Curriculum Study 5415 Mark Dabling Boulevard Colorado Springs, CO 80918	N/A	PC	In support of general operations	500
Blessings in a Backpack Inc PO Box 950291 Louisville, KY 40295	N/A	PC	In support of the Berkeley Lake Elementary School program	400
Breakthrough New York Inc 123 William Street 4th Floor New York, NY 10038	N/A	PC	In support of general operations	1,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Buddhi Dharma Lien Guo Foundation 18715 132nd Avenue NE Woodinville, WA 98072	N/A	PC	In support of general operations	50,000
Burlingame Library Foundation 480 Primrose Road Burlingame, CA 94010	N/A	PC	In support of general operations	290
California Academy of Sciences 55 Music Concourse Drive Golden Ga San Francisco, CA 94118	N/A	PC	In support of general operations	10,298
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
California Bluegrass Association PO Box 255561 Sacramento, CA 95865	N/A	PC	To support the California Bluegrass Association Youth Programs	100
California Community Foundation 221 S Figueroa Street Suite 400 Los Angeles, CA 90012	N/A	PC	In support of the California Community Foundation's Wildfire Relief Fund	360
California Council on Science and Technology 1130 K Street Suite 280 Sacramento, CA 95814	N/A	PC	To support the CCST Fellowship Program	15,332
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
California Institute of Technology 1200 East California Boulevard Pasadena, CA 91125	N/A	PC	In support of general operations	30,000
California Pacific Medical Center Foundation PO Box 7999 San Francisco, CA 941207999	N/A	PC	In support of the Marshall Mathews ALS Family Fund	600
Canopy3921 East Bayshore Road Palo Alto, CA 94303	N/A	PC	In support of general operations	160
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Carbonfund Org Foundation 853 Main Street East Aurora, NY 14052	N/A	PC	In support of general operations	1,000
Caring Choices Inc 1398 Ridgewood Drive Chico, CA 95973	N/A	PC	To support the Camp Fire response and relief	1,000
Castro Valley High School 19400 Santa Maria Avenue Castro Valley, CA 94546	N/A	GOV	To support the girls water polo team	600
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Catholic Charities USA 2050 Ballenger Avenue Suite 400 Alexandria, VA 22314	N/A	PC	In support of general operations	500
Center for Applied Rationality 2030 Addison Street Suite 700 Berkeley, CA 94704	N/A	PC	In support of general operations	1,270
Centers for Spiritual Living 1195 Clark Street San Jose, CA 95125	N/A	PC	In support of general operations	1,800
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Central Sierra Environmental Resource Center PO Box 396 Twain Harte, CA 95383	N/A	PC	In support of general operations	700
Ceres Inc99 Chauncy Street 6th Floor Boston, MA 02111	N/A	PC	In support of general operations	1,000
Chadeish Yameinu IncPO Box 3578 Santa Cruz, CA 95063	N/A	PC	In support of general operations	250
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Chai Lifeline Inc 151 West 30th Street 3rd Floor New York, NY 10001	N/A	PC	In support of general operations	500
Charles Armstrong School 1405 Solana Drive Belmont, CA 94002	N/A	PC	In support of general operations	1,000
Childrens Cancer Association 1200 NW Naito Parkway Suite 140 Portland, OR 97209	N/A	PC	In support of general operations	20,000
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Chinese Myanmar Buddhist Association of America 1211 Nimitz Drive Daly City, CA 94105	N/A	PC	In support of general operations	700
CHP 11 99 Foundation 2244 N State College Boulevard Fullerton, CA 92831	N/A	PC	In support of general operations	1,500
Christ United Presbyterian Church 1700 Sutter Street San Francisco, CA 94115	N/A	PC	In support of general operations	200
Total ► 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Circus Bella231 Mullen Avenue San Francisco, CA 94110	N/A	PC	In support of general operations	1,380
City Lights Performance Group of San Jose Inc 529 S Second Street San Jose, CA 95112	N/A	PC	In support of general operations	200
Coastside Adult Day Health Center 925 Main Street Half Moon Bay, CA 94019	N/A	PC	In support of general operations	700
Total ► 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Coastside Childrens Programs 494 Miramontes Avenue Half Moon Bay, CA 94019	N/A	PC	In support of purchasing educational supplies for the classroom	200
CommonwealPO Box 316 Bollinas, CA 94924	N/A	PC	In support of general operations	700
Comm Init for Visiting Immigrants in Confinement 1322 Webster Street Suite 300 Oakland, CA 94612	N/A	PC	In support of general operations	206
Total ▶ 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Compassion International Inc 12290 Voyager Parkway Colorado Springs, CO 80921	N/A	PC	In support of general operations	912
Computer History Museum 1401 N Shoreline Boulevard Mountain View, CA 94043	N/A	PC	In support of the Fellows program	10,000
ConsanoPO Box 12309 Portland, OR 97212	N/A	PC	In support of general operations	1,100
Total ▶ 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Conservation Earth IncPO Box 3098 Half Moon Bay, CA 94109	N/A	PC	In support of general operations	700
Conservation International Foundation 2011 Crystal Drive 600 Arlington, VA 22202	N/A	PC	In support of general operations	200
Corporation of the Fine Arts Museums 50 Hagiwara Tea Garden Drive Golde San Francisco, CA 94118	N/A	PC	In support of general operations	398
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Country Lane Home & School Club 5140 Country Lane San Jose, CA 95129	N/A	PC	In support of general operations	200
Cow Hollow Preschool 65 Funston Avenue San Francisco, CA 94129	N/A	PC	In support of general operations	10,000
Cymbal Foundation 499 Village Boulevard Incline Village, NV 894519005	N/A	PC	In support of general operations	7,000
Total ► 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a Paid during the year				
Dancers Group 44 Gough Street Suite 201 San Francisco, CA 94103	N/A	PC	In support of the Push Up Something Hidden project	8,000
Detroit Educational Television 1 Clover Court Wixom, MI 48393	N/A	PC	In support of general operations	182
Doctors Without Borders USA Inc 40 Rector Street 16th Floor New York, NY 10006	N/A	PC	In support of general operations	4,340
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Donorschoose Org 134 West 37th Street Floor 11 New York, NY 10018	N/A	PC	To support fundraising for the Ruby Bridges Elementary School	100
Dougy Center IncPO Box 86852 Portland, OR 97286	N/A	PC	In support of general operations	200
Dragon Productions Theatre Company 2120 Broadway Street Redwood City, CA 94063	N/A	PC	In support of general operations	200
Total ▶ 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Dravet Syndrome Foundation Inc PO Box 3026 Cherry Hill, NJ 08034	N/A	PC	In support of general operations	600
Duke University Alumni and Development Records Box Durham, NC 277080581	N/A	PC	In support of general operations	600
Duke University Alumni and Development Records Box Durham, NC 277080581	N/A	PC	To support the Duke Marine Lab	600
Total ▶ 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Earthjustice 50 California Street Suite 500 San Francisco, CA 94111	N/A	PC	In support of general operations	2,000
East Bay Soc - Prevention of Cruelty to Animals Administration 8323 Baldwin Street Oakland, CA 94621	N/A	PC	In support of general operations	70
Ecumenical Hunger Program 2411 Pulgas Avenue East Palo Alto, CA 94303	N/A	PC	In support of general operations	200
Total ► 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Educational Fund to Stop Gun Violence 805 15th Street NW Suite 502 Washington, DC 20005	N/A	PC	In support of general operations	700
Eldergivers 236 West Portal Ave Suite 845 San Francisco, CA 94127	N/A	PC	In support of general operations	3,000
Environmental and Energy Study Institute 1020 19th Street NW Suite 650 Washington, DC 20036	N/A	PC	In support of general operations	794
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Name and address (home or business)				
a <i>Paid during the year</i>				
Environmental Defense Fund Incorporated 257 Park Avenue South New York, NY 10010	N/A	PC	In support of general operations	920
Episcopal Church in the Diocese of California PO Box 217 Ross, CA 94957	N/A	PC	In support of general operations	2,000
Fairfield Historical Society 370 Beach Road Fairfield, CT 06824	N/A	PC	In support of general operations	2,000
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Faith in Practice 7500 Beechnut Street Suite 208 Houston, TX 77074	N/A	PC	To support the Stempel Surgery Team trip to Guatemala	522
Family and Youth Initiative Inc 515 M Street SE Suite 217 Washington, DC 20003	N/A	PC	In support of general operations	500
Family Reach Foundation 2001 Route 46 Suite 310 Parsippany, NJ 07054	N/A	PC	In support of general operations	202
Total ► 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Federation of American Scientists 1112 16th Street NW Washington, DC 20036	N/A	PC	In support of general operations	500
Fidelity Investments Charitable Gift Fund 100 Crosby Parkway Mail Zone KC1D-Covington, KY 410159325	N/A	PC	To support a donor advised fund, requested by an employee or board member as part of a matching gift or service recognition program	60,000
Fidelity Investments Charitable Gift Fund 100 Crosby Parkway Mail Zone KC1D-Covington, KY 410159325	N/A	PC	To support a donor advised fund, requested by an employee or board member as part of a matching gift or service recognition program	10,000
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment

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Name and address (home or business)				
a <i>Paid during the year</i>				
Fidelity Investments Charitable Gift Fund 100 Crosby Parkway Mail Zone KC1D-Covington, KY 410159325	N/A	PC	To support a donor advised fund, requested by an employee or board member as part of a matching gift or service recognition program	60,000
Fidelity Investments Charitable Gift Fund 100 Crosby Parkway Mail Zone KC1D-Covington, KY 410159325	N/A	PC	To support a donor advised fund, requested by an employee or board member as part of a matching gift or service recognition program	49,192
Fidelity Investments Charitable Gift Fund 100 Crosby Parkway Mail Zone KC1D-Covington, KY 410159325	N/A	PC	To support a donor advised fund, requested by an employee or board member as part of a matching gift or service recognition program	49,950
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Friends of Phystech 1 Daniel Burnham Court Unit 1408 San Francisco, CA 94109	N/A	PC	In support of general operations	5,000
Friends of the Children-Portland 44 NE Morris Street Portland, OR 97212	N/A	PC	In support of general operations	1,000
Friends of the Santa Cruz Public Libraries Inc PO Box 8472 Santa Cruz, CA 950618472	N/A	PC	In support of general operations	50
Total ▶ 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Georgiana Bruce Kirby Preparatory School 425 Encinal Street Santa Cruz, CA 95060	N/A	PC	In support of general operations	4,000
Gleaners Community Food Bank Inc 2131 Beaufait Detroit, MI 48207	N/A	PC	In support of general operations	200
Golden Gate National Parks Conservancy Building 201 Fort Mason San Francisco, CA 94123	N/A	PC	In support of general operations	2,600
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Gorilla Rehabilitation and Conservation Education PO Box 334 Cumberland Center, ME 04021	N/A	PC	In support of general operations	100
Grace Wilsey FoundationPO Box 114 Menlo Park, CA 94026	N/A	PC	In support of general operations	500
Grand Canyon AssociationPO Box 399 Grand Canyon, AZ 86023	N/A	PC	In support of general operations	200
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Grand Teton Natural History Association PO Box 170 Moose, WY 83012	N/A	PC	In support of general operations	200
Greater Bay Area Make A Wish Foundation Inc 1333 Broadway Suite 200 Oakland, CA 94612	N/A	PC	In support of general operations	200
Groundwork Group The Challenge Fund PO Box 713685 Cincinnati, OH 452713685	N/A	PC	In support of the A&F Challenge Fund designated to The Painted Turtle Camp	15,000
Total ▶ 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Gujri FoundationPO Box 1028 Vacaville, CA 95696	N/A	PC	In support of general operations	37,030
Habitat for Humanity International Inc 1230 Willow Creek Road Prescott, AZ 86301	N/A	PC	In support of general operations	380
Hawaii Community Foundation 827 Fort Street Mall Honolulu, HI 96813	N/A	PC	In support of the Hawaii Island Volcano Recovery Fund	60
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Hawaii Community Foundation 827 Fort Street Mall Honolulu, HI 96813	N/A	PC	To support the Kauai Relief and Recovery Fund	500
Hillel the Foundation for Jewish Campus Life San 33 Banbury Drive San Francisco, CA 94132	N/A	PC	In support of general operations	720
Hillview Middle School Parent Teacher Organization 1100 Elder Avenue Menlo Park, CA 94025	N/A	PC	In support of general operations	300
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Humane Society Silicon Valley 901 Ames Avenue Milpitas, CA 95035	N/A	PC	In support of general operations	800
Humanities WestPO Box 546 San Francisco, CA 94104	N/A	PC	In support of general operations	300
Idea Wild420 Riddle Drive Fort Collins, CO 80521	N/A	PC	In support of general operations	1,000
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Illinois Caucus for Adolescent Health 719 South State Street 4th Floor Chicago, IL 60605	N/A	PC	In support of general operations	200
Incline Boosters Club 499 Village Boulevard Incline Village, NV 89451	N/A	PC	To support the Fund a Need program	20,200
Interfaith Food Ministry of Nevada County 440 Henderson Street Grass Valley, CA 95949	N/A	PC	In support of general operations	700
Total ► 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
International Orthodox Christian Charities Inc 110 West Road Suite 360 Baltimore, MD 21204	N/A	PC	In support of general operations	600
International Orthodox Christian Charities Inc 110 West Road Suite 360 Baltimore, MD 21204	N/A	PC	To provide Greece Wildfire Support	200
International Rescue Committee Inc 122 E 42nd Street New York, NY 10168	N/A	PC	In support of general operations	2,840
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
International Snow Leopard Trust 4649 Sunnyside Avenue 325 Seattle, WA 98103	N/A	PC	In support of general operations	100
Iowa State University Foundation 2505 University Boulevard Ames, IA 50010	N/A	PC	To support the University Honors Program	700
JDRF International 26 Broadway 14th Floor New York, NY 10004	N/A	PC	To support the JDRF One Walk Sacramento 2018 fundraiser	150
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
JDRF International 26 Broadway 14th Floor New York, NY 10004	N/A	PC	In support of the JDRF One Walk, Great Escape 2018	100
Jewish Family & Childrens Services 2150 Post Street San Francisco, CA 94115	N/A	PC	In support of Jewish Family and Children's Services California Fire Relief Fund	104
JewishGen Inc Edmond J Safra Plaza 36 Battery Pl New York, NY 10280	N/A	PC	In support of general operations	200
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Jobtrain Inc1200 OBrien Drive Menlo Park, CA 94025	N/A	PC	In support of general operations	700
John Muir Foundation 1400 Treat Boulevard Walnut Creek, CA 945972142	N/A	PC	In support of general operations	30,000
Kentfield Schools Foundation 750 College Avenue Kentfield, CA 94904	N/A	PC	In support of general operations	2,000
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Kid Stock Inc1539 Funston Avenue San Francisco, CA 94122	N/A	PC	In support of general operations	60,000
Kino Border Initiative IncPO Box 159 Nogales, AZ 856280159	N/A	PC	In support of general operations	200
KIPP Foundation 135 Main Street Suite 1700 San Francisco, CA 94105	N/A	PC	In support of general operations	700
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Kopernik Solutions 228 Park Avenue South 73293 New York City, NY 10003	N/A	PC	To support the Lombok emergency response	100
KQED Inc2601 Mariposa Street San Francisco, CA 94110	N/A	PC	In support of general operations	1,450
La Piccola Scuola Italiana Di San Francisco 728 20th Street San Francisco, CA 94107	N/A	PC	In support of innovative educational programs	200
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Name and address (home or business)				
a <i>Paid during the year</i>				
Lame Deer Public SchoolPO Box 96 Lame Deer, MT 59043	N/A	GOV	To support the Arts Activity Fund towards student projects in still photography	2,000
Land Trust of Santa Cruz County 617 Water Street Santa Cruz, CA 95060	N/A	PC	In support of general operations	200
League to Save Lake Tahoe 2608 Lake Tahoe Boulevard South Lake Tahoe, CA 96150	N/A	PC	In support of general operations	2,000
Total ► 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Leukemia & Lymphoma Society Inc 3 International Drive Suite 200 Rye Brook, NY 10573	N/A	PC	In support of general operations	400
Life Lab Science Program 1156 High Street Santa Cruz, CA 95064	N/A	PC	In support of general operations	50
LifeMoves181 Constitution Drive Menlo Park, CA 94025	N/A	PC	In support of general operations	1,000
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Los Altos Community Foundation 183 Hillview Avenue Los Altos, CA 94022	N/A	PC	In support of general operations	2,000
Lowell Alumni Association PO Box 320009 San Francisco, CA 941320009	N/A	PC	In support of general operations	400
Lowell Alumni Association PO Box 320009 San Francisco, CA 941320009	N/A	PC	To support the Lowell Library Project - Patrick Quan '76 Challenge	200
Total ► 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Lucile Packard Foundation for Childrens Health 400 Hamilton Avenue Suite 340 Palo Alto, CA 94301	N/A	PC	In support of the Crisis Team Fund	2,000
Maine Community Foundation Inc 245 Main Street Ellsworth, ME 04605	N/A	PC	To support the Friendship Memorial Scholarship Fund	500
Malayaka House Inc 253 South Union Street Burlington, VT 05401	N/A	PC	In support of general operations	100
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Marin Academy1600 Mission Avenue San Rafael, CA 94901	N/A	PC	In support of the Tristan Witte '14 Memorial Scholarship Fund	200
Marist Brothers of the Schools Inc PO Box 250 Worth, IL 60482	N/A	PC	In support of general operations	294
Mark Day School39 Trellis Drrive San Rafael, CA 94903	N/A	PC	In support of general operations	3,400
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Mayo Clinic200 First Street SW Rochester, MN 559050001	N/A	PC	In support of general operations	850
Medshare International 3240 Clifton Springs Road Decatur, GA 30034	N/A	PC	In support of general operations	520
Memorial Sloan-Kettering Cancer Center 633 Third Avenue 3rd Floor New York, NY 10017	N/A	PC	In support of general operations	100
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Menlo Park-Atherton Education Foundation 181 Encinal Avenue Atherton, CA 94027	N/A	PC	In support of general operations	2,220
Metropolitanate of the Mid West St Sava Monastery 32377 N Milwaukee Avenue Libertyville, IL 60048	N/A	PC	To support the St Sava Building Fund	2,000
Michigan Environmental Council 602 W Ionia Street Lansing, MI 48933	N/A	PC	In support of general operations	500
Total ▶ 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Michigan League of Conservation Voters Edu Fund 3029 Miller Road Ann Arbor, MI 48103	N/A	PC	To support the Education Fund	150
Mill Valley Schools Community Foundation 409 Sycamore Avenue Mill Valley, CA 949412231	N/A	PC	In support of general operations	7,000
Mission of our Lady of Mercy 1140 W Jackson Boulevard Chicago, IL 60607	N/A	PC	In support of general operations	200
Total ▶ 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Mississippi Center for Justice 5 Old River Place Ste 203 PO Box 1 Jackson, MS 39215	N/A	PC	In support of general operations	666
Mona Foundation 218 Main Street Suite 404 Kirkland, WA 98033	N/A	PC	In support of general operations	100
Monterey Bay Aquarium Foundation 886 Cannery Row Monterey, CA 93940	N/A	PC	In support of general operations	2,870
Total ► 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Mountain View Los Altos High School Foundation PO Box 1146 Los Altos, CA 940231146	N/A	PC	In support of general operations	700
Museum of American Heritage 351 Homer Avenue Palo Alto, CA 94302	N/A	PC	In support of general operations	2,500
National Academy of Sciences 500 Fifth Street Washington, DC 20001	N/A	PC	In support of general operations	2,000
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
National Audubon Society Inc 431 West 7th Avenue Suite 101 Anchorage, AK 99501	N/A	PC	In support of general operations	1,000
National Brain Tumor Society Inc 55 Chapel Street Suite 200 Newton, MA 02548	N/A	PC	In support of general operations	100
National Lawyers Guild Foundation Inc 132 Nassau Street Suite 922 New York, NY 10038	N/A	PC	To support the Water Protector Legal Collective	1,000
Total ▶ 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
National Multiple Sclerosis Society 733 Third Avenue 3rd Floor New York, NY 10017	N/A	PC	In support of general operations	170
National Parks Conservation Association 777 6th Street NW Suite 700 Washington, DC 20001	N/A	PC	In support of general operations	1,000
National Womens Law Center 11 Dupont Circle NW 800 Washington, DC 20036	N/A	PC	In support of general operations	150
Total ▶ 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Native Animal Rescue1855 17th Avenue Santa Cruz, CA 95062	N/A	PC	In support of general operations	700
Natural Resources Defense Council Inc 40 West 20th Street New York, NY 10011	N/A	PC	In support of general operations	2,260
Nature Conservancy 4245 North Fairfax Drive Suite 100 Arlington, VA 222031606	N/A	PC	In support of general operations	250
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
North Valley Community Foundation 240 Main Street Suite 260 Chico, CA 95928	N/A	PC	To support the Camp Fire Relief Fund	400
Northern Arizona University Foundation Inc PO Box 4094 Flagstaff, AZ 86011	N/A	PC	In support of KNAU Arizona Public Radio	240
Oak Knoll School Parent Teacher Organization 1895 Oak Knoll Lane Menlo Park, CA 94025	N/A	PC	In support of general operations	300
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Oakland School for the Arts 530 Eighteenth Street Oakland, CA 94612	N/A	PC	In support of general operations	200
Ocean Conservancy Inc 1300 19th Street NW 8th Floor Washington, DC 20036	N/A	PC	In support of general operations	20,000
Old Skool Cafe1429 Mendell Street San Francisco, CA 94124	N/A	PC	In support of youth development	1,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
On Lok Day Services1333 Bush Street San Francisco, CA 94109	N/A	PC	In support of general operations	666
Oregon Community Foundation 1221 SW Yamhill Street Suite 100 Portland, OR 97205	N/A	PC	To support a donor advised fund, requested by an employee or board member as part of a matching gift or service recognition program	20,000
Oregon Shakespeare Festival Association 15 S Pioneer Street Ashland, OR 97520	N/A	PC	In support of general operations	40,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Pacific Elementary School PO Box H 50 Ocean Street Davenport, CA 95017	N/A	GOV	To support the Food Lab	200
Pacific Forest Trust Inc The Presidio 1001-A O'Reilly Avenue San Francisco, CA 94129	N/A	PC	In support of general operations	80
Pacific Legal Foundation930 G Street Sacramento, CA 95814	N/A	PC	In support of general operations	1,000
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Pacific Whale Foundation 300 Maalaea Road Suite 211 Wailuku, HI 96793	N/A	PC	In support of general operations	190
Palo Alto Partners in Education PO Box 1557 Palo Alto, CA 94302	N/A	PC	In support of general operations	1,020
Pancreatic Cancer Action Network Inc 1500 Rosecrans Avenue Suite 200 Manhattan Beach, CA 90266	N/A	PC	To support the fundraising efforts for PurpleStride DFW 2018	120
Total ► 3a				300,499,916

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a <i>Paid during the year</i>				
Paws Helping People IncPO Box 441 Soquel, CA 95073	N/A	PC	In support of general operations	700
Peninsula Humane Society & SPCA 1450 Rollins Road Burlingame, CA 94010	N/A	PC	To support pet adoptions	660
Peninsula Open Space Trust 222 High Street Palo Alto, CA 94301	N/A	PC	In support of general operations	4,800
Total ▶ 3a				300,499,916

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Pets in Need871 5th Avenue Redwood City, CA 94063	N/A	PC	In support of general operations	200
Pine United Methodist Church 426 33rd Avenue San Francisco, CA 94121	N/A	PC	In support of the Troop 12 Japan Expedition	30,800
Planned Parenthood Federation of America Inc 123 William Street 10th Floor New York, NY 10038	N/A	PC	In support of general operations	1,100
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Planned Parenthood Mar Monte Inc 1691 The Alameda San Jose, CA 95126	N/A	PC	In support of general operations	1,200
Planned Parenthood South Atlantic 100 South Boylan Avenue Raleigh, NC 27603	N/A	PC	In support of general operations	1,000
Pokrov28732 Vashon Hwy SW Vashon, WA 98070	N/A	PC	To support the Building Fund	200
Total ▶ 3a				300,499,916

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President and Fellows of Harvard College Teele Hall Soldiers Field Boston, MA 02163	N/A	PC	To support the HBS Fund for Leadership and Innovation	500
PS The Foundation For Our Future 50 Ocean Street Davenport, CA 95017	N/A	PC	In support of general operations	450
PTA California Congress of Parents Teachers & Stud 425 Sycamore Avenue Mill Valley, CA 94941	N/A	PC	In support of general operations	2,440
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
PTA California Congress of Parents Teachers & Stud 500 Biddulph Way Belmont, CA 94002	N/A	PC	In support of general operations	490
PTA California Congress of Parents Teachers & Stud 360 East Blithedale Avenue c/o Park Mill Valley, CA 94941	N/A	PC	In support of general operations	1,060
PTA California Congress of Parents Teachers & Stud 5201 E Broadway Long Beach, CA 90803	N/A	PC	In support of general operations	50
Total ▶ 3a				300,499,916

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PTA California Congress of Parents Teachers & Stud 220 Middlefield Drrive San Francisco, CA 94132	N/A	PC	In support of general operations	1,600
PTA California Congress of Parents Teachers & Stud 2223 Vera Avenue Redwood City, CA 94061	N/A	PC	In support of general operations	400
PTA California Congress of Parents Teachers & Stud 387 Moraga Avenue San Francisco, CA 94129	N/A	PC	To support fundraising for the 2018 Annual Fund Drive	400
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
PTA California Congress of Parents Teachers & Stud 1781 Rose Street Berkeley, CA 94703	N/A	PC	In support of general operations	200
PTA California Congress of Parents Teachers & Stud 2525 Buena Vista Avenue Belmont, CA 94002	N/A	PC	In support of general operations	508
Puente De La Costa SurPO Box 554 Pescadero, CA 94060	N/A	PC	In support of general operations	700
Total ► 3a				300,499,916

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Name and address (home or business)				
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Refugee and Immigrant Ctr for Edu and Legal Svcs 1305 N Flores Street San Antonio, TX 78212	N/A	PC	In support of general operations	600
Regents of the University of California 3101 Valley Life Sciences Building Berkeley, CA 94720	N/A	GOV	To support the 2013 Class Reunion Campaign	200
Regents of the University of Michigan 3003 South State Street Ann Arbor, MI 481091288	N/A	GOV	In support of general operations	240
Total ► 3a				300,499,916

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Riekes Center for Human Enhancement 3455 Edison Way Menlo Park, CA 94025	N/A	PC	In support of general operations	13,216
Ross Valley Nursery School 689 Sir Francis Drake Boulevard Kentfield, CA 94904	N/A	PC	In support of general operations	500
Roy Cloud School Parents Club 3790 Red Oak Way Redwood City, CA 94061	N/A	PC	In support of general operations	1,680
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a <i>Paid during the year</i>				
Sacred Heart MonasteryPO Box 900 Hales Corner, WI 53130	N/A	PC	In support of general operations	50
Salesian Boys Club680 Filbert Street San Francisco, CA 94133	N/A	PC	In memory of Frank Daniele	100
Samaritan House4031 Pacific Boulevard San Mateo, CA 94403	N/A	PC	In support of general operations	400
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
San Francisco AIDS Foundation 1035 Market Street Suite 400 San Francisco, CA 94103	N/A	PC	To support the AIDS/Lifecycle 2018	2,060
San Francisco Day School 350 Masonic Avenue San Francisco, CA 94118	N/A	PC	In support of general operations	12,100
San Francisco Food Bank 900 Pennsylvania Avenue San Francisco, CA 94107	N/A	PC	In support of general operations	200
Total ► 3a				300,499,916

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San Francisco Forty-Niners Academy 2695 Fordham Street East Palo Alto, CA 94303	N/A	PC	In support of general operations	250
San Francisco Museum of Modern Art 151 Third Street San Francisco, CA 941033159	N/A	PC	In support of general operations	800
San Francisco Opera Association 301 Van Ness Avenue San Francisco, CA 94102	N/A	PC	In support of general operations	400
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Santa Cruz Bluegrass Society PO Box 390846 Mountain View, CA 94309	N/A	PC	To support the Walker Creek Music Camp Scholarship Fund	200
Save the Blue 88 Kearny Street Suite 1818 San Francisco, CA 94108	N/A	PC	In support of manta tagging, Maldives	3,400
Save the Children Federation Inc 501 Kings Highway East Suite 400 Fairfield, CT 06825	N/A	PC	In support of general operations	904
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Save the Waves Coalition PO Box 183 3500 Highway One Davenport, CA 95017	N/A	PC	In support of general operations	500
Schwab Charitable Fund211 Main Street San Francisco, CA 94105	N/A	PC	To support a donor advised fund, requested by an employee or board member as part of a matching gift or service recognition program	33,200
Schwab Charitable Fund211 Main Street San Francisco, CA 94105	N/A	PC	To support a donor advised fund, requested by an employee or board member as part of a matching gift or service recognition program	26,800
Total ► 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Second Harvest Food Bank of Santa Clara and San Ma 750 Curtner Avenue San Jose, CA 951252118	N/A	PC	In support of general operations	300
Second Harvest Food Bank Santa Cruz County 800 Ohlone Parkway Watsonville, CA 95076	N/A	PC	In support of general operations	1,000
Sempervirens Fund 419 South San Antonio Road Ste 21 Los Altos, CA 940223640	N/A	PC	In support of general operations	100
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
Sharks Foundation 525 W Santa Clara Street San Jose, CA 95113	N/A	PC	In support of general operations	100
Sierra Watch408 Broad Street Suite 12 Nevada City, CA 95959	N/A	PC	In support of general operations	500
Sisters of Saint Joseph of Philadelphia 9701 Germantown Philadelphia, PA 191182694	N/A	PC	In support of general operations	400
Total ▶ 3a				300,499,916

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Name and address (home or business)				
a <i>Paid during the year</i>				
Social Good Fund 12651 San Pablo Avenue 5473 Richmond, CA 94801	N/A	PC	To support Brown Girl Surf	1,000
Sonoma Land Trust822 Fifth Street Santa Rosa, CA 95404	N/A	PC	In support of general operations	10,000
Southern Poverty Law Center Inc 400 Washington Avenue Montgomery, AL 36104	N/A	PC	In support of general operations	1,000
Total ▶ 3a				300,499,916

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Spina Bifida Association of Georgia 5072 Bristol Industrial Way Suite Buford, GA 30518	N/A	PC	In support of general operations	200
St Jude Childrens Research Hospital Inc 501 St Jude Place Memphis, TN 38105	N/A	PC	In support of general operations	150
St Andrews Episcopal Church 13601 Saratoga Avenue Saratoga, CA 95070	N/A	PC	In support of general operations	8,450
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St Archangel Michael Serbian Eastern Orthodox Chu 18870 Allendale Avenue Saratoga, CA 95070	N/A	PC	In support of general operations	26,000
St Joseph's Indian School 1301 North Main Street Chamberlain, SD 57325	N/A	PC	In support of general operations	50
St Sava Mission CorporationPO Box 252 Jackson, CA 95642	N/A	PC	In support of general operations	200
Total ▶ 3a				300,499,916

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Start Small Think Big Inc 1231 Lafayette Ave 2nd Floor Bronx, NY 10474	N/A	PC	In support of general operations	200
Student Conservation Association Inc 4245 North Fairfax Drive Suite 825 Arlington, VA 22203	N/A	PC	In support of general operations	100
Swim Across America Inc 11600 N Community House Road Suite Charlotte, NC 28277	N/A	PC	In support of general operations	200
Total ► 3a				300,499,916

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Swim Across America Inc 11600 N Community House Road Suite Charlotte, NC 28277	N/A	PC	To support the San Francisco Bay Open Water Swim	400
Tahoe Maritime Museum Inc 401 West Lake Boulevard Tahoe City, CA 96145	N/A	PC	In support of general operations	200
Tahoe Rim Trail AssociationPO Box 3267 Stateline, NV 89449	N/A	PC	In support of general operations	500
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
The Aspen Institute Inc 2300 N Street NW Suite 700 Washington, DC 20037	N/A	PC	In support of general operations	2,000
The Board of Trustees - Leland Stanford Jr Univ 326 Galvez Street Stanford, CA 943056055	N/A	PC	In support of general operations	63,200
The Board of Trustees - Leland Stanford Jr Univ 326 Galvez Street Stanford, CA 943056055	N/A	PC	To support the Stanford Graduate School of Education	1,000
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
The Board of Trustees - Leland Stanford Jr Univ Development Services PO Box 20466 Stanford, CA 94305	N/A	PC	To support cancer research of Dr Joel Neal, in memory of Barbara Bonanno	100
The Carter Center Inc One Copenhill 453 Freedom Parkway Atlanta, GA 30307	N/A	PC	In support of general operations	400
The Clarity Foundation 434 West Cedar Street Suite 300 San Diego, CA 92101	N/A	PC	In support of general operations	500
Total ► 3a				300,499,916

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The Exploratorium Pier 17 Suite 100 San Francisco, CA 94111	N/A	PC	In support of general operations	32,300
The Family Giving Tree Sobrato Center for Nonprofits 606 Milpitas, CA 95035	N/A	PC	In support of general operations	700
The Mono Lake Foundation PO Box 29 Highway 395 and Third Str Lee Vining, CA 93541	N/A	PC	In support of general operations	50
Total ▶ 3a				300,499,916

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a <i>Paid during the year</i>				
The Olympic Club Foundation 524 Post Street San Francisco, CA 94102	N/A	PC	In support of general operations	1,200
The Tech Museum of Innovation 201 South Market Street San Jose, CA 95113	N/A	PC	In support of general operations	1,410
The Young Center for Immigrant Childrens Rights 6020 S University Avenue Chicago, IL 60637	N/A	PC	In support of general operations	200
Total ► 3a				300,499,916

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Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Thunderbird Lodge Preservation Society 316 California Avenue Suite 36 Reno, NV 89509	N/A	PC	In support of general operations	1,960
Tibetan Association of Northern California 5200 Huntington Avenue Suite 200 Richmond, CA 94804	N/A	PC	In support of general operations	4,000
Trustees of Dartmouth College 100 Tuck Hall Hanover, NH 03755	N/A	PC	In support of general operations	1,500
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Trustees of Dartmouth College 6066 Development Office Hanover, NH 03755	N/A	PC	To support financial aid for the Dartmouth College Fund	400
Trustees of the University of Pennsylvania 2929 Walnut Street Suite 300 Philadelphia, PA 191045099	N/A	PC	In support of general operations	2,500
UC Santa Cruz Foundation 1156 High Street Santa Cruz, CA 95064	N/A	PC	To support KZSC (KZSC-FM KZ001F)	200
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Union of Concerned Scientists Inc Two Brattle Square 6th Floor Cambridge, MA 02138	N/A	PC	In support of general operations	1,000
United States Catholic Conference 2133 Madison Avenue Bethlehem, PA 18017	N/A	PC	In support of general operations	400
United States Fund for Unicef 125 Maiden Lane New York, NY 10038	N/A	PC	In support of general operations	250
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
University Corporation at Monterey Bay 100 Campus Center Seaside, CA 93955	N/A	PC	In support of general operations	200
University of California Berkeley Foundation 1995 University Avenue Suite 401 Berkeley, CA 947041058	N/A	PC	To support the Lawrence Hall of Science	2,000
University of California Berkeley Foundation 1995 University Avenue Ste 400 Berkeley, CA 947041058	N/A	PC	To support the Energy and Resources Group Annual Discretionary Fund	700
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
University of California San Francisco Foundation 220 Montgomery Street Suite 500 San Francisco, CA 94104	N/A	PC	In support of general operations	330
University of Chicago 5235 South Harper Court 4th Floor Chicago, IL 60615	N/A	PC	In support of the Graduate Fund for the Humanities	500
University of Florida Board of Trustees 319 Grinter Hall PO Box 115531 Gainesville, FL 32611	N/A	GOV	To support the Schmink Fund for Innovation in Tropical Conservation & Development	1,000
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Vanderbilt University 131 21st Avenue South Nashville, TN 372031181	N/A	PC	To support the Justice-Moore Family Scholarship	24,300
Vanderbilt University 2301 Vanderbilt Place Nashville, TN 372407727	N/A	PC	In support of general operations	31,000
Vanderbilt University105 Kirkland Hall Nashville, TN 37240	N/A	PC	To support the College of Arts and Science General Fund	500
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a Paid during the year				
Vascular Cures 274 Redwood Shores Parkway 717 Redwood City, CA 94065	N/A	PC	In support of general operations	2,370
Vera Institute of Justice Inc 233 Broadway 12th Floor New York, NY 10279	N/A	PC	In support of general operations	200
Veterans Support Foundation 8719 Colesville Road Suite 100 Silver Spring, MD 20910	N/A	PC	In support of general operations	50
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Violence Policy Center 1025 Connecticut Avenue NW Suite 1 Washington, DC 20036	N/A	PC	In support of general operations	1,700
Wikimedia Foundation Inc 1 Montgomery Street Suite 1600 San Francisco, CA 94104	N/A	PC	In support of general operations	152
WildCare76 Albert Park Lane San Rafael, CA 94901	N/A	PC	In support of general operations	50
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Wildlife Conservation Network Inc 209 Mississippi Street San Francisco, CA 94107	N/A	PC	In support of the Global Penguin Society	540
Wildlife Conservation Society 2300 Southern Boulevard Bronx, NY 10460	N/A	PC	To support Argentina's Patagonia Steppe program under Andres Novaro's leadership	3,200
Wildlife Conservation Society 2300 Southern Boulevard Bronx, NY 10460	N/A	PC	In support of general operations	500
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Wounded Warrior Project Inc PO Box 758517 Topeka, KS 666758516	N/A	PC	In support of general operations	200
Yale University Sage Hall 205 Prospect Street New Haven, CT 06511	N/A	PC	To Support the Yale School of Forestry & Environmental Studies Annual Fund	1,000
Yale University Sage Hall 205 Prospect Street New Haven, CT 06511	N/A	PC	In support of general operations	5,000
Total ► 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Yale University165 Whitney Avenue New Haven, CT 065113729	N/A	PC	To support the School of Management Alumni Fund- Loan Forgiveness Program	400
Yavapai College Foundation 1100 E Sheldon Street Prescott, AZ 86301	N/A	PC	In support of general operations	500
Yellowstone ForeverPO Box 117 Yellowstone National P, WY 82190	N/A	PC	In support of general operations	200
Total ▶ 3a				300,499,916

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Young Life 880 Northwoods Boulevard Suite 2 Incline Village, NV 89451	N/A	PC	In support of general operations	1,300
Zion Evangelical Lutheran Church 220 W Henry Street Staunton, IL 62088	N/A	PC	In support of general operations	200
Total ▶ 3a				300,499,916

TY 2018 Accounting Fees Schedule**Name:** Gordon E and Betty I Moore Foundation**EIN:** 94-3397785

Category	Amount	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
ACCOUNTING, TAX & AUDIT FEES	380,249	168,855		132,759

TY 2018 Compensation Explanation

Name: Gordon E and Betty I Moore Foundation

EIN: 94-3397785

Person Name	Explanation
GORDON E MOORE	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,930
BRUCE ALBERTS	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,930
ROSINA BIERBAUM	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,930
JIM GAITHER	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,930
PAUL GRAY	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,930
JOHN HENNESSY	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,930
HILARY KRANE	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,930
KRISTEN MOORE	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,930
KATHLEEN JUSTICE-MOORE	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,930
STEVE MOORE	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,930
ELLEN OCHOA	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,930
KEN SIEBEL	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,930
EDWARD E PENHOET	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,930
KENNETH MOORE	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401(K) MATCH \$27,500, HEALTHCARE BENEFITS \$43,930, PROFESSIONAL LIABILITY INSURANCE \$3,930, AND TAXABLE GROUP LIFE INSURANCE \$5,386
HARVEY V FINEBERG	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401(K) MATCH \$27,500, HEALTHCARE BENEFITS \$27,668, PROFESSIONAL LIABILITY INSURANCE \$3,930 AND TAXABLE GROUP LIFE INSURANCE \$17,304
SASHA ABRAMS	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401(K) MATCH \$27,500, HEALTHCARE BENEFITS \$44,337 PROFESSIONAL LIABILITY INSURANCE \$3,930, AND TAXABLE GROUP LIFE INSURANCE \$840
DENISE STRACK	COMPENSATION INCLUDES \$625,399 OF DEFERRED COMPENSATION THAT WAS REPORTED IN PRIOR YEARS AS A CONTRIBUTION TO EMPLOYEE BENEFIT PLANS THAT VESTED IN 2018 AND REMAINS UNPAID AS WELL AS THE EARNINGS ON UNPAID DEFERRED COMPENSATION. CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS THAT CONSIST OF 401(K) MATCH \$27,500, HEALTHCARE BENEFITS \$44,527, PROFESSIONAL LIABILITY INSURANCE \$ 3,930, TAXABLE GROUP LIFE INSURANCE \$1,260, AND UNVESTED DEFERRED COMPENSATION OVER THE FOLLOWING THREE YEARS AND AN ADJUSTMENT FOR EARNINGS ON UNPAID DEFERRED COMPENSATION OF \$433,961

Note: To capture the full content of this document, please select landscape mode (11" x 8.5") when printing.

TY 2018 Depreciation Schedule

Name: Gordon E and Betty I Moore Foundation

EIN: 94-3397785

TY 2018 Employee Compensation Explanation

Name: Gordon E and Betty I Moore Foundation

EIN: 94-3397785

Employee	Explanation
NILES BYRANT	COMPENSATION INCLUDES \$253,658 OF DEFERRED COMPENSATION THAT WAS REPORTED IN PRIOR YEARS AS A CONTRIBUTION TO EMPLOYEE BENEFIT PLANS THAT VESTED IN 2018 AND REMAINS UNPAID AS WELL AS THE EARNINGS ON UNPAID DEFERRED COMPENSATION. CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401(K) MATCH \$27,500, HEALTHCARE BENEFITS \$26,322, TAXABLE GROUP LIFE INSURANCE \$840, AND NEWLY AWARDED DEFERRED COMPENSATION THAT WILL VEST OVER THE FOLLOWING THREE YEARS AND AN ADJUSTMENT FOR EARNINGS ON UNPAID DEFERRED COMPENSATION OF \$168,498.
ALISON BARAD	COMPENSATION INCLUDES \$249,495 OF DEFERRED COMPENSATION THAT WAS REPORTED IN PRIOR YEARS AS A CONTRIBUTION TO EMPLOYEE BENEFIT PLANS THAT VESTED IN 2018 AND REMAINS UNPAID AS WELL AS THE EARNINGS ON UNPAID DEFERRED COMPENSATION. CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401(K) MATCH \$27,500, HEALTHCARE BENEFITS \$44,143, TAXABLE GROUP LIFE INSURANCE \$756, AND NEWLY AWARDED DEFERRED COMPENSATION THAT WILL VEST OVER THE FOLLOWING THREE YEARS AND AN ADJUSTMENT FOR EARNINGS ON UNPAID DEFERRED COMPENSATION OF \$163,131.
DALE KUNKEL	COMPENSATION INCLUDES \$265,184 OF DEFERRED COMPENSATION THAT WAS REPORTED IN PRIOR YEARS AS A CONTRIBUTION TO EMPLOYEE BENEFIT PLANS THAT VESTED IN 2018 AND REMAINS UNPAID AS WELL AS THE EARNINGS ON UNPAID DEFERRED COMPENSATION. CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401(K) MATCH \$27,500, HEALTHCARE BENEFITS \$44,143, TAXABLE GROUP LIFE INSURANCE \$1,260, AND NEWLY AWARDED DEFERRED COMPENSATION THAT WILL VEST OVER THE FOLLOWING THREE YEARS AND AN ADJUSTMENT FOR EARNINGS ON UNPAID DEFERRED COMPENSATION OF \$166,493.
FELICIA CHIU	COMPENSATION INCLUDES \$189,957 OF DEFERRED COMPENSATION THAT WAS REPORTED IN PRIOR YEARS AS A CONTRIBUTION TO EMPLOYEE BENEFIT PLANS THAT VESTED IN 2018 AND REMAINS UNPAID AS WELL AS THE EARNINGS ON UNPAID DEFERRED COMPENSATION. CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401(K) MATCH \$27,500, HEALTHCARE BENEFITS \$44,143, TAXABLE GROUP LIFE INSURANCE \$840, AND NEWLY AWARDED DEFERRED COMPENSATION THAT WILL VEST OVER THE FOLLOWING THREE YEARS AND AN ADJUSTMENT FOR EARNINGS ON UNPAID DEFERRED COMPENSATION OF \$162,024.
EMILY HSI	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401(K) MATCH \$27,500, HEALTHCARE BENEFITS \$16,626, AND TAXABLE GROUP LIFE INSURANCE \$672.

Note: To capture the full content of this document, please select landscape mode (11" x 8.5") when printing.

TY 2018 Expenditure Responsibility Statement

Name: Gordon E and Betty I Moore Foundation

EIN: 94-3397785

Grantee's Name	Grantee's Address	Grant Date	Grant Amount	Grant Purpose	Amount Expended By Grantee	Any Diversion By Grantee?	Dates of Reports By Grantee	Date of Verification	Results of Verification
3759 Films LLC	3759 N Ravenswood Avenue 224 Chicago, IL 60613	2016-11-12	75,000	To support a documentary about patient safety that focuses on solutions to medical errors	75,000	NO	1/27/2019, 12/12/2017, 3/14/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Agroicone	Angelica 2447 cj 173 Sao Paulo, SP 01227-200 BR	2014-11-28	422,077	In support of establishing a roadmap for the sustainability of cattle ranching in Brazil	448,453	NO	04/27/2018, 02/01/2018, 02/17/2017, 08/14/2016		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose Note Amount spent includes interest earned on grant funds
Continuum Analytics Inc	221 W 6th Street 1550 Austin, TX 78701	2016-06-17	700,000	In support of developing the Dask and Numba packages for the Python computing language	700,000	NO	10/15/2018, 08/07/2018, 08/07/2018, 06/30/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
First Nations Fisheries Society	320-1200 West 73rd Avenue Vancouver, BC V6P 6G5 CA	2013-08-14	724,439	To increase First Nations knowledge and participation in freshwater management issues	574,675	NO	03/31/2018, 06/01/2017, 06/16/2016, 06/04/2015		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Fundacao Vitona Amazonica	Rua Estrela Dalva 146 Cj Morada d Manaus, AM 69083-093 BR	2017-10-20	740,000	To strengthen mosaic-level governance of protected areas in the Lower Rio Negro of Brazil	288,795	NO	07/30/2018, 07/16/2018, 07/16/2018, 04/02/2018		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Fundacion Latino Amencana para el	Malecon Tarapaca N 332-Altos Iquitos, LORETO 20493440749 PE	2011-10-28	352,750	To support the Wildlife Management in Latin America and Amazon Conference Series	331,986	NO	03/16/2018, 03/09/2017, 03/31/2016, 03/09/2015		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Great Bear Initiative Society	409 Granville Street Suite 1660 Vancouver, BC V6C 1T2 CA	2016-11-15	500,000	In support of First Nations collection of ancestral laws	249,754	NO	10/9/2018, 08/08/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Great Bear Initiative Society	409 Granville Street Suite 1660 Vancouver, BC V6C 1T2 CA	2013-05-17	7,113,700	To support First Nations leadership and community manne spatial planning	1,405,889	NO	10/31/2018, 10/31/2018, 09/22/2017, 06/22/2016		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Great Bear Initiative Society	409 Granville Street Suite 1660 Vancouver, BC V6C 1T2 CA	2016-11-15	1,800,000	To support First Nations leadership and community ocean plan implementation	793,032	NO	10/11/2018, 01/22/2018, 11/02/2017, 09/22/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Great Bear Initiative Society	409 Granville Street Suite 1660 Vancouver, BC V6C 1T2 CA	2011-10-28	576,614	To support communications and training for manne spatial planning	451,341	NO	11/15/2018, 11/1/2018, 07/10/2017, 07/10/2016		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose Note Grant amount and amount spent differ because of currency conversion

Grantee's Name	Grantee's Address	Grant Date	Grant Amount	Grant Purpose	Amount Expended By Grantee	Any Diversion By Grantee?	Dates of Reports By Grantee	Date of Verification	Results of Verification
Great Bear Initiative Society	409 Granville Street Suite 1660 Vancouver, BC V6C 1T2 CA	2018-10-19	2,100,000	To enable sustainable shipping		NO	No reports due dunnig taxable year		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Great Bear Initiative Society	409 Granville Street Suite 1660 Vancouver, BC V6C 1T2 CA	2014-11-25	2,238,300	To support First Nations Coastal Stewardship	696,396	NO	06/01/2018, 06/01/2018, 09/06/2017, 07/13/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
IESE USA Inc	165 West 57th Street New York, NY 10019	2017-05-19	75,000	To support pre-production planning and development for an aging-themed public TV documentary	75,000	NO	11/01/2018, 01/15/2018, 11/01/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Instituto Conexoes Sustentaveis	Rua Angelo Custodio 728-Estacao 213 Belem, PARA 66020-710 BR	2018-10-03	700,300	To support a technical collaboration between ConexSus and ICMBio		NO	No reports due dunnig taxable year		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Instituto Milenio de Oceanografia d	Cabina 7 Universidad de Concepcion Concepcion CI	2015-09-08	170,722	To support screening laboratory cultures of marine protists to introduce DNA into cells	170,722	NO	05/04/2018, 09/27/2017, 09/27/2017, 06/20/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Las Cumbres Observatory Global Tele	6740 Cortona Drive Suite 102 Goleta, CA 93117	2018-05-17	4,884,049	To support construction of two 1.0M telescopes at Tenenfe, for coverage of the northern sky	1,235,799	NO	1/31/2019		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Luminary Labs LLC	30 West 22nd Street 6th Floor New York, NY 10010	2018-11-18	750,000	To support low-cost tools competition for education, science and environmental conservation		NO	No reports due dunnig taxable year		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Manta Consulting Inc	316 Mid Valley Center Suite 190 Carmel, CA 93923	2018-07-06	341,600	To support Fish 2.0's 2018-19 competitive market platform		NO	No reports due dunnig taxable year		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Manta Consulting Inc	316 Mid Valley Center Suite 190 Carmel, CA 93923	2016-09-14	200,000	To support the Fish 2.0 2017 Competition for the sustainable seafood sector	200,000	NO	12/4/2018, 11/14/2018, 03/20/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Monterey Bay Aquarium Research Inst	7700 Sandholdt Road Moss Landing, CA 95039	2010-09-16	3,353,232	To support microfluidic chip technologies to enhance environmental monitoring	3,353,232	NO	04/02/2018, 03/31/2017, 03/23/2016, 01/29/2015		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose

Grantee's Name	Grantee's Address	Grant Date	Grant Amount	Grant Purpose	Amount Expended By Grantee	Any Diversion By Grantee?	Dates of Reports By Grantee	Date of Verification	Results of Verification
Monterey Bay Aquanum Research Inst	7700 Sandholdt Road Moss Landing, CA 95039	2013-10-17	1,100,000	To support equipment and deployments for use of the environmental sample processor	1,096,700	NO	12/20/2018, 03/29/2018, 03/29/2017, 03/23/2016		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Monterey Bay Aquanum Research Inst	7700 Sandholdt Road Moss Landing, CA 95039	2013-05-08	1,024,544	To research and further understand the response of phytoplankton to changes in CO2	648,674	NO	01/26/2018, 01/18/2018, 02/23/2017, 02/16/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Monterey Bay Aquanum Research Inst	7700 Sandholdt Road Moss Landing, CA 95039	2018-06-18	1,284,097	To support developing an underwater optical imaging system		NO	No reports due duning taxable year		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Monterey Bay Aquanum Research Inst	7700 Sandholdt Road Moss Landing, CA 95039	2018-06-15	66,052	To support purchasing a lab instrument for introducing DNA into manne microbes		NO	No reports due duning taxable year		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
MRAG Amencas Inc	10051 5th Street N Suite 105 St Petersburg, FL 33702	2011-12-09	2,828,029	To measure catch share performance in New England and the United States West Coast	2,796,071	NO	01/03/2019, 12/08/2017, 12/15/2016, 12/15/2015		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Nanwakolas Council	1441 16th Avenue Campbell River , BC V9W 2E4 CA	2016-11-15	500,000	To support First Nations leadership and community ocean plan implementation	126,011	NO	6/19/2018, 05/22/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Nanwakolas Council	1441 16th Avenue Campbell River , BC V9W 2E4 CA	2013-05-17	1,866,556	To support First Nations leadership and manne spatial plan development	1,564,990	NO	6/13/2018, 05/22/2017, 05/31/2016, 05/26/2015		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose Note Grant amount and amount spent differ because of currency conversion
OpenROV	614 Bancroft Way Suite C Berkeley, CA 94710	2016-06-14	903,740	For the distribution of underwater remotely operated vehicles for scientific use	882,290	NO	12/31/2018, 08/15/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Planet Labs	346 9th Street San Francisco, CA 94103	2017-11-28	500,000	In support of developing land use change monitoring technologies	500,000	NO	06/15/2018, 05/31/2018, 04/06/2018, 03/28/2019		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Sprrngboard Partners	2755 Ordway Street NW 108 Washington, DC 20008	2016-11-01	120,000	To support joint communication for the anniversary of the sustainable seafood movement	120,231	NO	05/25/2018, 01/30/2018, 12/15/2017, 03/30/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose Note Amount spent includes interest earned on grant funds

Grantee's Name	Grantee's Address	Grant Date	Grant Amount	Grant Purpose	Amount Expended By Grantee	Any Diversion By Grantee?	Dates of Reports By Grantee	Date of Verification	Results of Verification
Systemiq Ltd	69 Carter Lane London EC4V 5EQ UK	2018-09-25	1,000,414	To support the development of the Food and Land Use Global Report and its socialization		NO	No reports due during taxable year		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
The Draper Richards Kaplan Foundation	1600 El Camino Real Suite 155 Menlo Park, CA 94025	2017-05-04	400,000	To support innovations that will lead to improved experiences and outcomes in patient care		NO	05/15/2018, 01/31/2018		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Tumblehome Learning LLC	201 Newbury Street Suite 201 Boston, MA 02116	2016-11-12	152,500	To support the development of biographies of key inventors for children and youth	27,846	NO	2/28/2018, 01/03/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
United Fishermen of Alaska Inc	410 Calhoun Ave Suite 101 Juneau, AK 99801	2016-01-07	90,000	To support education and awareness on the importance of salmon habitat sustainability	76,307	NO	12/13/2018, 3/16/2018, 03/01/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
Wilderness Markets	11654 Plaza America Dnve Reston, VA 20190	2018-05-15	50,000	To improve understanding of market recognition for conservation performance of fisheries		NO	No reports due during taxable year		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
World Business Council for Sustaina	Maison de la Paix Chemin Eugene-Ri Geneva SZ	2018-04-27	7,847,724	To implement the collaboration for the Conservation and Financial Markets Initiative	1,009,556	NO	12/01/2018, 10/02/2018, 10/02/2018, 07/23/2018		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
World Business Council for Sustaina	Maison de la Paix Chemin Eugene-Ri Geneva SZ	2014-10-10	2,003,000	To support harmonization across sustainability reporting standards	2,003,000	NO	3/19/2018, 10/10/2017, 03/15/2017, 10/14/2016		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
World Business Council for Sustaina	Maison de la Paix Chemin Eugene-Ri Geneva SZ	2016-02-12	5,159,233	To implement the collaboration for the Conservation and Financial Markets Initiative	4,747,954	NO	10/2/2018, 03/13/2018, 03/01/2018, 10/02/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
World Business Council for Sustaina	Maison de la Paix Chemin Eugene-Ri Geneva SZ	2018-08-13	200,000	To support pre-competitive collaboration among global soy traders to reduce deforestation		NO	No reports due during taxable year		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose
ZappyLab Inc	2120 University Avenue Suite 410 Berkeley, CA 94704	2016-08-07	1,067,251	To support an online methods sharing community	528,709	NO	09/21/2018, 03/29/2019, 03/30/2018, 10/31/2017		To the knowledge of the foundation, and based on the report(s) furnished by the grantee, if any, no part of the grant has been used for anything other than its intended purpose

Grantee's Name	Grantee's Address	Grant Date	Grant Amount	Grant Purpose	Amount Expended By Grantee	Any Diversion By Grantee?	Dates of Reports By Grantee	Date of Verification	Results of Verification
FRB YUBA PROJECT I LLC	824 BAY STREET UNIT 1 SANTA MONICA, CA 90405	2018-10-31	1,000,000	PROGRAM-RELATED INVESTMENT LOAN TO SUPPORT FOREST HEALTH THROUGH A FOREST RESILIENCE BOND	1,000,000	NO	NO REPORTES DUE DURING TAXABLE YEAR		TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORT(S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE

TY 2018 General Explanation Attachment**Name:** Gordon E and Betty I Moore Foundation**EIN:** 94-3397785**General Explanation Attachment**

Identifier	Return Reference	Explanation	
1	1	1	FORM 990PF, PART I, LINE 18 - TAXES CURRENT EXCISE TAX 99,742 CA UBI TAX -89,104 FEDERAL UBI TAX 625,584 OTHER TAXES 253,606 ===== 889,828

General Explanation Attachment

Identifier	Return Reference	Explanation	
2	2	2	FORM 990PF, PART IX-A, LINE 1 - SUMMARY OF DIRECT CHARITABLE ACTIVITIES IN ADDITION TO ITS GRANTMAKING, THE FOUNDATION ENGAGES DIRECTLY IN NUMEROUS ACTIVITIES TO SUPPORT OUR PROGRAM AREAS AND THE PHILANTHROPIC SECTOR IN GENERAL. DIRECT CHARITABLE EXPENSES IN THE AMOUNT OF \$3,351,167 INCLUDE THE FOLLOWING ACTIVITIES: * Convening groups of experts, other foundations, and grantees to discuss and disseminate information about policy, research and trends * Supporting Foundation staff in their leadership roles in their respective fields, including service on boards and sharing their expertise with others * Providing technical assistance to grantees and other partners involved in our programmatic activities

General Explanation Attachment

Identifier	Return Reference	Explanation	
3	IRC 965 TRANSITION TAX STATEMENT	PART III	<p>TOTAL AMOUNT REQUIRED TO BE INCLUDED IN INCOME BY REASON OF SECTION 965(A) 19,101 TOTAL DEDUCTION UNDER 965(C) 10,642 TOTAL NET TAX LIABILITY UNDER SECTION 965* 1,861 *ALREADY INCLUDED IN PART III TAX COMPUTATION UNDER PENALTIES OF PERJURY, I DELCARE THAT I HAVE EXAMINED THIS STATEMENT, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, IT IS TRUE, CORRECT, AND COMPLETE DELCARATION OF PREPARER (OTHER THAN TAXPAYER) IS BASED ON ALL INFORMATION OF WHICH PREPARER HAS ANY KNOWLEDGE</p> <p>_____ OF TAXPAYER AND/OR OFFICER</p> <p>SIGNATURE</p>

TY 2018 Investments Corporate Stock Schedule

Name: Gordon E and Betty I Moore Foundation
EIN: 94-3397785

Investments Corporation Stock Schedule

Name of Stock	End of Year Book Value	End of Year Fair Market Value
ACUITY BRANDS INC	1,336,869	1,336,869
ADR IQIYI INC	254,292	254,292
ADR NOAH HLDGS LTD	709,192	709,192
ADR PPD AI GROUP INC	799,430	799,430
AERCAP HOLDINGS N.V.	1,285,021	1,285,021
ALLEGION PLC	1,256,708	1,256,708
ALPHABET INC	10,011,242	10,011,242
AMAZON COM INC	6,069,461	6,069,461
ANADARKO PETRO CORP	574,786	574,786
ANALOG DEVICES INC	3,176,482	3,176,482
AON PLC	2,042,308	2,042,308
APTIV PLC	630,600	630,600
ASSA ABLOY	701,163	701,163
ATLAS COPCO AB	874,020	874,020
AUTOMATIC DATA PROCESSING INC	1,619,332	1,619,332
BANK RAKYAT INDONESIA	463,201	463,201
BECTON DICKINSON & CO	285,255	285,255
BERKSHIRE HATHAWAY INC	7,469,517	7,469,517
CARBON BLACK INC	577,852	577,852
CERNER CORP	1,135,221	1,135,221
CF FUND 244	15,952,278	15,952,278
CF FUND 245	55,771,509	55,771,509
CF FUND 246	9,250,037	9,250,037
CF FUND 247	196,328,893	196,328,893
CF FUND 248	59,846,085	59,846,085
CHEGG INC	985,861	985,861
CHESAPEAKE	160,459	160,459
CHINA FORESTRY UNLISTED	65,005	65,005
CHIPOTLE MEXICAN GRILL INC	276,777	276,777
CITIGROUP INC	5,830,824	5,830,824

Investments Corporation Stock Schedule

Name of Stock	End of Year Book Value	End of Year Fair Market Value
COLGATE-PALMOLIVE CO	335,098	335,098
COMCAST CORP	4,898,603	4,898,603
COOPER COS INC	2,878,650	2,878,650
CREDICORP LTD	1,170,418	1,170,418
CREDIT SUISSE NASSAU	429,964	429,964
CSL LTD NPV	679,919	679,919
DEERE & CO	2,456,084	2,456,084
DENTSPLY SIRONA INC	2,782,489	2,782,489
DISH NETWORK CORP	1,430,606	1,430,606
DOCUSIGN INC COM	1,152,781	1,152,781
DROPBOX INC	4,274,855	4,274,855
ECOLAB INC	1,084,643	1,084,643
FACEBOOK	2,507,358	2,507,358
GCI LIBERTY INC	3,207,969	3,207,969
GEN MTRS CO	2,666,132	2,666,132
GENERAL ELECTRIC CO	857,681	857,681
GIM (GLOBAL EQUITY) INVESTMENT	70,876	70,876
GOLDMAN SACHS GROUP INC	4,068,837	4,068,837
HARGREAVES LANSDOW	263,323	263,323
HENRY SCHEIN INC	3,401,251	3,401,251
HILTON WORLDWIDE HLDGS INC	1,199,060	1,199,060
INDUSIND BANK	1,360,991	1,360,991
INGERSOLL-RAND PLC	1,075,967	1,075,967
JONES LANG LASALLE INC	1,858,868	1,858,868
KINGSPAN GROUP	555,759	555,759
KONE CORPORATION NPV	730,672	730,672
LEGRAND SA EUR4	1,263,023	1,263,023
LIBERTY BROADBAND CORP	947,050	947,050
LIBERTY GLOBAL PLC	3,219,489	3,219,489
LIBERTY TRIPADVISOR	347,578	347,578

Investments Corporation Stock Schedule

Name of Stock	End of Year Book Value	End of Year Fair Market Value
MARRIOTT INTL INC	4,174,132	4,174,132
MERCADOLIBRE INC	1,102,873	1,102,873
MFC ISHARES TR MSCI EAFE ETF	4,216,289	4,216,289
MFC SPDR S&P 500 ETF TRUST	15,428,561	15,428,561
MICROSOFT CORP	11,178,794	11,178,794
MOHAWK INDS INC	2,148,906	2,148,906
MORGAN STANLEY	2,392,005	2,392,005
NOVOZYMES A/S	369,198	369,198
NVIDIA CORP COM	598,748	598,748
OCADO GROUP PLC	560,573	560,573
OKTA INC	1,950,621	1,950,621
ORACLE CORP	4,421,630	4,421,630
REAL GOLD MINING	106,899	106,899
RIGHTMOVE	509,170	509,170
SALESFORCE INC	618,420	618,420
SCHINDLER-HLDG AG (PTG CERT)	464,333	464,333
SCHINDLER-HLDG AG (REGD)	300,072	300,072
SCHWAB CHARLES CORP	2,022,137	2,022,137
SENSATA TECHNOLOGIES B V	1,800,281	1,800,281
SIEMENS HEALTHINEE NPV	589,925	589,925
SPOTIFY TECHNOLOGY	586,341	586,341
SQUARE INC	1,038,731	1,038,731
STITCH FIX INC	614,385	614,385
TAIWAN SEMICON MAN	3,690,227	3,690,227
TE CONNECTIVITY LTD	1,182,929	1,182,929
TENCENT HLDGS LIMITED	457,203	457,203
TEXAS INSTRUMENTS INC	1,394,253	1,394,253
THERMO FISHER CORP	2,333,682	2,333,682
TRIPADVISOR INC	1,817,832	1,817,832
TWENTY-FIRST CENTURY	4,220,933	4,220,933

Investments Corporation Stock Schedule

Name of Stock	End of Year Book Value	End of Year Fair Market Value
UNILEVER NV CVA	2,145,017	2,145,017
UNITEDHEALTH GROUP INC	5,106,961	5,106,961
WATERS CORP	361,265	361,265
WELLS FARGO & CO	4,380,227	4,380,227

TY 2018 Investments Government Obligations Schedule**Name:** Gordon E and Betty I Moore Foundation**EIN:** 94-3397785**US Government Securities - End
of Year Book Value:**

678,898,072

**US Government Securities - End
of Year Fair Market Value:**

678,898,072

**State & Local Government
Securities - End of Year Book
Value:****State & Local Government
Securities - End of Year Fair
Market Value:**

TY 2018 Investments - Other Schedule

Name: Gordon E and Betty I Moore Foundation
EIN: 94-3397785

Investments Other Schedule 2

Category/ Item	Listed at Cost or FMV	Book Value	End of Year Fair Market Value
FUND 1	FMV	32,943	32,943
FUND 2		2,004,119	2,004,119
FUND 3		11,019,130	11,019,130
FUND 4		3,425,737	3,425,737
FUND 5		1,416,769	1,416,769
FUND 6		13,652,013	13,652,013
FUND 7		216,994	216,994
FUND 8		830,438	830,438
FUND 9		75,947,599	75,947,599
FUND 10		13,707,454	13,707,454
FUND 11		10,129,083	10,129,083
FUND 12		754	754
FUND 13		263,371,540	263,371,540
FUND 14		64,842,484	64,842,484
FUND 15		206,041	206,041
FUND 16		61,406,782	61,406,782
FUND 17		10,905,042	10,905,042
FUND 18		674,921	674,921
FUND 19		19,368,605	19,368,605
FUND 20		36,358	36,358
FUND 21		1,074,348	1,074,348
FUND 22		1,670,390	1,670,390
FUND 23		76,025,452	76,025,452
FUND 24		14,109,140	14,109,140
FUND 25		9,959,359	9,959,359
FUND 26		36,784,753	36,784,753
FUND 27		13,810,006	13,810,006
FUND 28		32,952,655	32,952,655
FUND 29		10,146,243	10,146,243
FUND 30		4,930,693	4,930,693

Investments Other Schedule 2

Category/ Item	Listed at Cost or FMV	Book Value	End of Year Fair Market Value
FUND 31		5,932,700	5,932,700
FUND 32		4,858,613	4,858,613
FUND 33		42,638,165	42,638,165
FUND 34		61,866,141	61,866,141
FUND 35		2,937,484	2,937,484
FUND 36		250,714,426	250,714,426
FUND 37		15,090,380	15,090,380
FUND 38		470,614	470,614
FUND 39		1,864,716	1,864,716
FUND 40		95,409	95,409
FUND 41		1,136,000	1,136,000
FUND 42		609,843	609,843
FUND 43		1,191,391	1,191,391
FUND 44		259,459	259,459
FUND 45		53,293,453	53,293,453
FUND 46		14,205,387	14,205,387
FUND 47		38,390,910	38,390,910
FUND 48		3,090,038	3,090,038
FUND 49		118,481	118,481
FUND 50		61,467,297	61,467,297
FUND 51		170,858	170,858
FUND 52		8,273,531	8,273,531
FUND 53		29,769,852	29,769,852
FUND 54		3,262,869	3,262,869
FUND 55		1,979,798	1,979,798
FUND 56		18,203,921	18,203,921
FUND 57		5,369,139	5,369,139
FUND 58		8,143,611	8,143,611
FUND 59		45,417	45,417
FUND 60		2,594,446	2,594,446

Investments Other Schedule 2

Category/ Item	Listed at Cost or FMV	Book Value	End of Year Fair Market Value
FUND 61		7,056,919	7,056,919
FUND 62		419,610	419,610
FUND 63		209,025	209,025
FUND 64		18,789,727	18,789,727
FUND 65		19,034,516	19,034,516
FUND 66		74,635,553	74,635,553
FUND 67		3,390,697	3,390,697
FUND 68		5,382,065	5,382,065
FUND 69		7,938,945	7,938,945
FUND 70		212,840,895	212,840,895
FUND 71		1	1
FUND 72		10,153,391	10,153,391
FUND 73		34,492,449	34,492,449
FUND 74		5,369,047	5,369,047
FUND 75		1,974,733	1,974,733
FUND 76		17,442,056	17,442,056
FUND 77		33,843,374	33,843,374
FUND 78		24,876,395	24,876,395
FUND 79		18,666,420	18,666,420
FUND 80		7,349,150	7,349,150
FUND 81		3,374,155	3,374,155
FUND 82		11,567,621	11,567,621
FUND 83		99,886,221	99,886,221
FUND 84		4,362,734	4,362,734
FUND 85		17,505,000	17,505,000
FUND 86		18,505,500	18,505,500
FUND 87		1	1
FUND 88		9,476,070	9,476,070
FUND 89		116,759	116,759
FUND 90		14,812,136	14,812,136

Investments Other Schedule 2

Category/ Item	Listed at Cost or FMV	Book Value	End of Year Fair Market Value
FUND 91		15,198,622	15,198,622
FUND 92		16,413,224	16,413,224
FUND 93		20,556,296	20,556,296
FUND 94		57,243,644	57,243,644
FUND 95		26,105,624	26,105,624
FUND 96		36,086,198	36,086,198
FUND 97		55,809,339	55,809,339
FUND 98		19,765,272	19,765,272
FUND 99		11,934,738	11,934,738
FUND 100		19,079,247	19,079,247
FUND 101		4,733,509	4,733,509
FUND 102		73,186,355	73,186,355
FUND 103		10,224,923	10,224,923
FUND 104		6,092,466	6,092,466
FUND 105		12,641,140	12,641,140
FUND 106		15,634,612	15,634,612
FUND 107		25,499,377	25,499,377
FUND 108		265,292	265,292
FUND 109		68,076,180	68,076,180
FUND 110		11,192,779	11,192,779
FUND 111		29,315,322	29,315,322
FUND 112		7,289,188	7,289,188
FUND 113		15,681,135	15,681,135
FUND 114		3,909,768	3,909,768
FUND 115		1,917,160	1,917,160
FUND 116		3,806,438	3,806,438
FUND 117		3,292,423	3,292,423
FUND 118		16,403,452	16,403,452
FUND 119		87,446	87,446
FUND 120		4,199,987	4,199,987

Investments Other Schedule 2

Category/ Item	Listed at Cost or FMV	Book Value	End of Year Fair Market Value
FUND 121		30,460,222	30,460,222
FUND 122		12,812,540	12,812,540
FUND 123		18,068,857	18,068,857
FUND 124		4,000,841	4,000,841
FUND 125		29,399,628	29,399,628
FUND 126		15,611,810	15,611,810
FUND 127		51,862,527	51,862,527
FUND 128		18,600,782	18,600,782
FUND 129		6,485,701	6,485,701
FUND 130		17,436,130	17,436,130
FUND 131		4,775,221	4,775,221
FUND 132		29,741,627	29,741,627
FUND 133		10,946,707	10,946,707
FUND 134		40,735,013	40,735,013
FUND 135		27,806,978	27,806,978
FUND 136		35,884,360	35,884,360
FUND 137		8,112,758	8,112,758
FUND 138		292,290	292,290
FUND 139		3,173,388	3,173,388
FUND 140		11,677,073	11,677,073
FUND 141		7,666,635	7,666,635
FUND 142		32,980,368	32,980,368
FUND 143		83,147,311	83,147,311
FUND 144		29,817,131	29,817,131
FUND 145		6,562,876	6,562,876
FUND 146		36,468,866	36,468,866
FUND 147		18,805,824	18,805,824
FUND 148		954,843	954,843
FUND 149		48,374,663	48,374,663
FUND 150		275	275

Investments Other Schedule 2

Category/ Item	Listed at Cost or FMV	Book Value	End of Year Fair Market Value
FUND 151		6,483,938	6,483,938
FUND 152		12,336,462	12,336,462
FUND 153		2,547,873	2,547,873
FUND 154		3,651,818	3,651,818
FUND 155		107,913,694	107,913,694
FUND 156		61,707,854	61,707,854
FUND 157		2,425,740	2,425,740
FUND 158		282,116	282,116
FUND 159		3,083,191	3,083,191
FUND 160		6,212,379	6,212,379
FUND 161		4,762,656	4,762,656
FUND 162		23,525,659	23,525,659
FUND 163		3,969,524	3,969,524
FUND 164		73,026,543	73,026,543
FUND 165		14,231,951	14,231,951
FUND 166		10,831,720	10,831,720
FUND 167		121,524,249	121,524,249
FUND 168		96,480	96,480
FUND 169		4,365,292	4,365,292
FUND 170		6,330,843	6,330,843
FUND 171		2,725,123	2,725,123
FUND 172		4,640,111	4,640,111
FUND 173		5,909,000	5,909,000
FUND 174		5,692,712	5,692,712
FUND 175		19,790,291	19,790,291
FUND 176		18,710,073	18,710,073
FUND 177		5,007,019	5,007,019
FUND 178		7,119,457	7,119,457
FUND 179		15,546,081	15,546,081
FUND 180		8,019,435	8,019,435

Investments Other Schedule 2

Category/ Item	Listed at Cost or FMV	Book Value	End of Year Fair Market Value
FUND 181		3,069,700	3,069,700
FUND 182		3,279,704	3,279,704
FUND 183		28,741,566	28,741,566
FUND 184		319,910	319,910
FUND 185		89,541,570	89,541,570
FUND 186		8,123,740	8,123,740
FUND 187		83,605,437	83,605,437
FUND 188		13,530,050	13,530,050
FUND 189		69,098,336	69,098,336
FUND 190		34,263,190	34,263,190
FUND 191		9,318,917	9,318,917
FUND 192		30,716,000	30,716,000
FUND 193		36,115,313	36,115,313
FUND 194		5,198,786	5,198,786
FUND 195		1,216,898	1,216,898
FUND 196		96,106,763	96,106,763
FUND 197		435,204	435,204
FUND 198		4,407,375	4,407,375
FUND 199		8,332,296	8,332,296
FUND 200		3,541,419	3,541,419
FUND 201		3,602,105	3,602,105
FUND 202		5,207,685	5,207,685
FUND 203		1,745,065	1,745,065
FUND 204		1,195,942	1,195,942
FUND 205		2,859,671	2,859,671
FUND 206		4,410,946	4,410,946
FUND 207		30,288,067	30,288,067
FUND 208		3,698,368	3,698,368
FUND 209		1,177,440	1,177,440
FUND 210		10,357,126	10,357,126

Investments Other Schedule 2

Category/ Item	Listed at Cost or FMV	Book Value	End of Year Fair Market Value
FUND 211		20,714,251	20,714,251
FUND 212		5,590,841	5,590,841
FUND 213		197,625	197,625
FUND 214		2,507,757	2,507,757
FUND 215		353,622	353,622
FUND 216		3,930,391	3,930,391
FUND 217		673,017	673,017
FUND 218		2,177,667	2,177,667
FUND 219		13,252,185	13,252,185
FUND 220		24,010,163	24,010,163
FUND 221		90,542	90,542
FUND 222		448,144	448,144
FUND 223		5,612,092	5,612,092
FUND 224		2,139,795	2,139,795
FUND 225		756,549	756,549
FUND 226		112,290	112,290
FUND 227		949,557	949,557
FUND 228		16,004,549	16,004,549
FUND 229		5,733,075	5,733,075
FUND 230		4,732,209	4,732,209
FUND 231		9,768,426	9,768,426
FUND 232		480,980	480,980
FUND 233		4,021,280	4,021,280
FUND 234		22,653,512	22,653,512
FUND 235		10,949,124	10,949,124
FUND 236		11,312,486	11,312,486
FUND 237		4,461,714	4,461,714
FUND 238		7,657,478	7,657,478
FUND 239		17,655,287	17,655,287
FUND 240		9,461,567	9,461,567

Investments Other Schedule 2

Category/ Item	Listed at Cost or FMV	Book Value	End of Year Fair Market Value
FUND 241		75,738,203	75,738,203
FUND 242		84,952,813	84,952,813
FUND 243		71,376,908	71,376,908

TY 2018 Legal Fees Schedule**Name:** Gordon E and Betty I Moore Foundation**EIN:** 94-3397785

Category	Amount	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
LEGAL FEES	391,031	134,666		253,409

TY 2018 Other Assets Schedule

Name: Gordon E and Betty I Moore Foundation

EIN: 94-3397785

Other Assets Schedule

Description	Beginning of Year - Book Value	End of Year - Book Value	End of Year - Fair Market Value
INT & DIVIDENDS RECEIVABLE	658,802	476,550	476,550
INVESTMENT REDEMPTIONS RECVBL	128,414,737	147,723,681	147,723,681
PROG REL - FARMERS CONSERV	750,000	550,000	550,000
PROG REL - FRESHWATER TRUST	1,480,000	1,400,000	1,400,000
PROG REL - FRB YUBA PROJECT		1,000,000	1,000,000

TY 2018 Other Decreases Schedule

Name: Gordon E and Betty I Moore Foundation
EIN: 94-3397785

Description	Amount
UNREALIZED LOSS ON INVESTMENTS	567,614,583

TY 2018 Other Expenses Schedule**Name:** Gordon E and Betty I Moore Foundation**EIN:** 94-3397785**Other Expenses Schedule**

Description	Revenue and Expenses per Books	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
INSURANCE	152,691	67,820		120,341
STAFF DEVELOPMENT & TRAINING	532,039	13,172		522,033
INFORMATION TECHNOLOGY	511,506	82,113		420,001
FINANCE SERVICE CHARGES	89,726	23,872		66,878
GENERAL & ADMIN EXP	366,769	116,908		232,989

TY 2018 Other Income Schedule**Name:** Gordon E and Betty I Moore Foundation**EIN:** 94-3397785**Other Income Schedule**

Description	Revenue And Expenses Per Books	Net Investment Income	Adjusted Net Income
PARTNERSHIP INCOME/LOSS	149,659,618	-48,081,339	
DEFERRED EXCISE TAX	11,352,292		

TY 2018 Other Liabilities Schedule**Name:** Gordon E and Betty I Moore Foundation**EIN:** 94-3397785

Description	Beginning of Year - Book Value	End of Year - Book Value
DEFERRED FEDERAL EXCISE TAX	21,937,134	10,584,842

TY 2018 Other Professional Fees Schedule**Name:** Gordon E and Betty I Moore Foundation**EIN:** 94-3397785

Category	Amount	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
CONSULTING FEES	4,738,634	193,869		4,874,471
ASSET MANAGEMENT FEES	5,913,830	5,656,309		0
TEMPORARY AGENCY	81,912	18,363		62,853

TY 2018 Taxes Schedule**Name:** Gordon E and Betty I Moore Foundation**EIN:** 94-3397785

Category	Amount	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
TAXES - SEE GEN EXPLANATION #1	889,828			

TY 2018 TransfersFrmControlledEntities**Name:** Gordon E and Betty I Moore Foundation**EIN:** 94-3397785

Name	US / Foreign Address	EIN	Description	Amount
GBMF INTERNATIONAL LTD	PO BOX 309GT UGLAND HOUSE GEORGE TOWN, GRAND CAYMAN CJ	94-3397785	N/A, no transfers in current year	0
Dynamo Brasil V LLC	Av Ataulfo De Paiva 1234-6 Andar Rio De Janeiro, RJ 22440 BR	94-3397785	N/A, no transfers in current year	0
Total				